JVC

VICTOR COMPANY OF JAPAN, LIMITED
VIDEO DIVISION

S40894

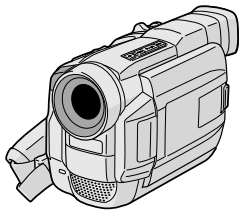
Printed in Japan

JVC

SERVICE MANUAL

DIGITAL VIDEO CAMERA

GR-DVL505UM/805UM



Mini DV NTSC

DSC DIGITAL STILL CAMERA

(AUDINAC KIT)

Regarding service information other than these sections, refer to the GR-DVL505U, 805U service manual (No. 86550). Also, be sure to note important safety precautions provided in the service manual.

SPECIFICATIONS *(The specifications shown pertain specifically to the model GR-DVL505U, 805U)*

Camcorder

For General

Power supply	: DC 6.3 V ⎓ (Using AC Power Adapter/Charger) DC 7.2 V ⎓ (Using battery pack)
Power consumption	
LCD monitor off, viewfinder on	: Approx. 4.3 W
LCD monitor on, viewfinder off	: Approx. 5.3 W
Video light	: Approx. 3.5 W
Dimensions (W x H x D)	: 80 mm x 96 mm x 159 mm (3-3/16" x 3-13/16" x 6-5/16") (with the LCD monitor closed and the viewfinder pushed down)
Weight	: Approx. 580 g (1.3 lbs)
Operating temperature	: 0°C to 40°C (32°F to 104°F)
Operating humidity	: 35% to 80%
Storage temperature	: –20°C to 50°C (–4°F to 122°F)
Pickup	: 1/4" CCD
Lens	: F 1.8, f = 3.6 mm to 36 mm, 10:1 power zoom lens
Filter diameter	: ø37 mm
LCD monitor	
GR-DVL805	: 3.5" diagonally measured, LCD panel/TFT active matrix system
GR-DVL505	: 3.0" diagonally measured, LCD panel/TFT active matrix system
Viewfinder	
GR-DVL805	: Electronic viewfinder with 0.44" color LCD
GR-DVL505	: Electronic viewfinder with 0.24" black/white LCD
Speaker	: Monaural

For Digital Video Camera

Format	: DV format (SD mode)
Signal format	: NTSC standard
Recording/Playback format	: Video: Digital component recording : Audio: PCM digital recording, 32 kHz 4-channel (12-bit), 48 kHz 2-channel (16-bit)
Cassette	: Mini DV cassette
Tape speed	: SP: 18.8 mm/s LP: 12.5 mm/s
Maximum recording time (using 80 min. cassette)	: SP: 80 min. LP: 120 min.

For Digital Still Camera

Storage media	: Built-in flash memory, 2 Mbyte
Compression system	: JPEG (compatible)
File size	: VGA: 640 x 480 pixels
Picture quality	: 2 modes (FINE/STANDARD)
Approximate number of storable images	
FINE	: 30
STANDARD	: 60

For Connectors

S	: Y : 1 V (p-p), 75 Ω, analog output C : 0.29 V (p-p), 75 Ω, analog output
AV	
Video output	: 1 V (p-p), 75 Ω, analog
Audio output	: 300 mV (rms), 1 kΩ, analog, stereo
DV	
Input/output	: 4-pin, IEEE 1394 compliant
PC (DIGITAL PHOTO)	
Digital still output	: ø2.5 mm, 3-pole
JLIP/EDIT	: ø3.5 mm, 4-pole

AC Power Adapter/Charger AA-V40EN

Power requirement	: AC 110 V to 240 V~, 50 Hz/60 Hz
Power consumption	: 23 W
Output	
Charge	: DC 7.2 V ⎓, 1.2 A
VTR	: DC 6.3 V ⎓, 1.8 A
Dimensions (W x H x D)	: 68 mm x 38 mm x 110 mm (2-11/16" x 1-1/2" x 4-3/8")
Weight	: Approx. 250 g (0.56 lbs)

Specifications shown are for SP mode unless otherwise indicated. E & O.E. Design and specifications subject to change without notice.

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The following table indicate main different points between models GR-DVL805U,DVL505U,DVL805UM and GR-DVL505UM.

ITEM \ MODEL	GR-DVL805U	GR-DVL505U	GR-DVL805UM	GR-DVL505UM
AC POWER ADAPTER CHARGER	AA-V40U	←	AA-V40EN	←
LCD MONITOR	3.5"	3"	3.5"	3"
S CABLE,S-VIDEO CABLE	Optional	←	Provided	←
VIEW FINDER	Color	Black/White	Color	Black/White

Note: Mark ← is same as left.

The following table indicate different parts number between models GR-DVL805U,DVL505U,DVL805UM and GR-DVL505UM.

PACKING AND ACCESSORY ASSEMBLY <M1> Note: As for IB (INSTRUCTION), refer to sec. 5.

REF. NO.	ITEM \ MODEL	GR-DVL805U	GR-DVL505U	GR-DVL805UM/505UM
1	PACKING CASE	LY31631-008B	LY31631-007B	–
3	POLY BAG	* LY30023-015A	←	LY30023-008A
9	Q.CARD(JCA)	YU10350	←	–
10	WARRANTY INF.	BT-51005-4	←	–
11	REGIST.CARD	BT-51020-2	←	–
⚠ 29	AC POWER ADAPTER CHARGER	LY20591-001B	←	LY20591-011A
30	S CABLE,S-VIDEO CABLE	–	–	QAM0004-003
31	CORE FILTER	–	–	QQR0491-002
32	MINI DV TAPE	Not used	←	Used

Note: Mark – is not used. Mark ← is same as left. Mark * reference model was also changed.

FINAL ASSEMBLY <M2>

REF. NO.	ITEM / MODEL	GR-DVL805U	GR-DVL805UM	GR-DVL505U	GR-DVL505UM
⚠ 101	LOWER CASE ASSY	* LY20560-001B	LY20560-001D	* LY20560-001B	LY20560-001D
104	CASS.COVER ASSY	* LY31609-001A	LY31609-001C	* LY31609-001A	LY31609-001C
104C	BKT(E.KNOB)	* LY42173-001A	LY42173-001B	* LY42173-001A	LY42173-001B
111	UPPER CASE(3)ASSY	* LY20550-002A	LY20550-002C	* LY20550-002A	LY20550-002C
111A	SHEET(EARTH)	* LY31599-001A	–	* LY31599-001A	–
127	TOP COVER (3)	LY20552-010A	←	LY20552-006A	←
131	SPECIAL SCREW	* LY30018-084A	LY30018-079A	* LY30018-084A	LY30018-079A
139	SCREW	* LY30018-096A	QYSPSPT1725R	* LY30018-096A	QYSPSPT1725R
141	SCREW	* LY30018-084A	QYSPSGT1760R	* LY30018-084A	QYSPSGT1760R
143	SPECIAL SCREW	* LY30018-059A	LY30018-084A	* LY30018-059A	LY30018-084A
150	HOLDER(MECHA)ASSY	* LY31618-001B	LY31618-001C	* LY31618-001B	LY31618-001C
150B	SPECIAL SCREW, X4	* LY30018-056A	LY30018-0B4A	* LY30018-056A	LY30018-0B4A
214	SHEET	* –	LY42583-001A	* –	LY42583-001A

ELECTRONIC VIEWFINDER ASSEMBLY <M4>

REF. NO.	ITEM / MODEL	GR-DVL805U	GR-DVL805UM	GR-DVL505U	GR-DVL505UM
300	COLOR VF UNIT	* LY20596-001A	LY20596-001C	–	–
350	E.VF ASSY	–	–	LYH20136-001A	←
301/351	VF CASE(UPPER)ASSY	* LY31600-001A	LY31600-001C	* LY31600-001A	LY31600-001C
306/356	HINGE(VF)ASSY	* LY31602-001A	LY31602-001C	* LY31602-001B	LY31602-001C
362	HOLDER(B/W LCD)	–	–	* LY20481-001A	LY20481-002A

MONITOR ASSEMBLY <M5>

REF. NO.	ITEM / MODEL	GR-DVL805U	GR-DVL805UM	GR-DVL505U	GR-DVL505UM
⚠ 500	MONITOR ASSY	LYH20135-006B	←	LYH20135-005B	←
⚠ 501	MONITOR COVER ASSY	* LY20565-006A	LY20565-006B	* LY20565-005A	LY20565-005B
502	MONITOR CASE ASSY	LY20598-002A	←	LY20598-001A	←
503	HOLDER(3LCD)	–	–	* LY20566-001A	LY20566-001B
504	HOLDER(3.5/3PWB)	LY20568-001A	←	LY20567-001A	←
509	BACK LIGHT	QLL0081-001	←	QLL0080-001	←
510	LCD MODULE	QLD0096-002	←	QLD0118-001	←

MAIN BOARD ASSEMBLY <01>

REF. NO.	ITEM / MODEL	GR-DVL805U	GR-DVL805UM	GR-DVL505U	GR-DVL505UM
PW	MAIN BOARD ASSY	* YB10277F-02	YB10277F-04	* YB10277F-02	YB10277F-04
R4301	MG RESISTOR	* –	NRSA6AJ-560W	* –	NRSA6AJ-560W
WR3	THIN WIRE	* –	YU40017-060-1	* –	YU40017-060-1
OT2	SPACER(A)	* LY30029-055A	LY30029-055B	* LY30029-055A	LY30029-055B
OT3	SPACER(A)	* –	LY30029-051A	* –	LY30029-051A

Note: Mark – is not used. Mark ← is same as left. Mark * reference model was also changed.

MONITOR BOARD ASSEMBLY <02>

REF. NO.	ITEM / MODEL	GR-DVL805U	GR-DVL805UM	GR-DVL505U	GR-DVL505UM
PW1	MONITOR BOARD ASSY	YB10280G1-01	←	* YB10280F1-01	YB10280F1-02

LCD BL BOARD ASSEMBLY <03>

REF. NO.	ITEM / MODEL	GR-DVL805U	GR-DVL805UM	GR-DVL505U	GR-DVL505UM
PW2	LCD BL BOARD ASSY	YB10280B2-01	←	YB10280A2-01	←
C7501	CAPACITOR	NCZ1016-180X	←	NCZ1016-150X	←

JUNCTION BOARD ASSEMBLY <05>

REF. NO.	ITEM / MODEL	GR-DVL805U	GR-DVL805UM	GR-DVL505U	GR-DVL505UM
PW2	JUNCTION BOARD ASSY	* YB10278A2-01	YB10278A2-02	* YB10278A2-01	YB10278A2-02

JACK BOARD ASSEMBLY <06>

REF. NO.	ITEM / MODEL	GR-DVL805U	GR-DVL805UM	GR-DVL505U	GR-DVL505UM
PW1	JACK BOARD ASSY	* YB10278A1-01	YB10278A1-02	* YB10278A1-01	YB10278A1-02

REAR BOARD ASSEMBLY <07>

REF. NO.	ITEM / MODEL	GR-DVL805U	GR-DVL805UM	GR-DVL505U	GR-DVL505UM
PW3	REAR BOARD ASSY	* YB10278A3-01	YB10278C3-02	* YB10278A3-01	YB10278C3-02

B/W VF BOARD ASSEMBLY <08>

REF. NO.	ITEM / MODEL	GR-DVL805U	GR-DVL805UM	GR-DVL505U	GR-DVL505UM
PW3	B/W VF BOARD ASSY	–	–	YB10280A3-01	←

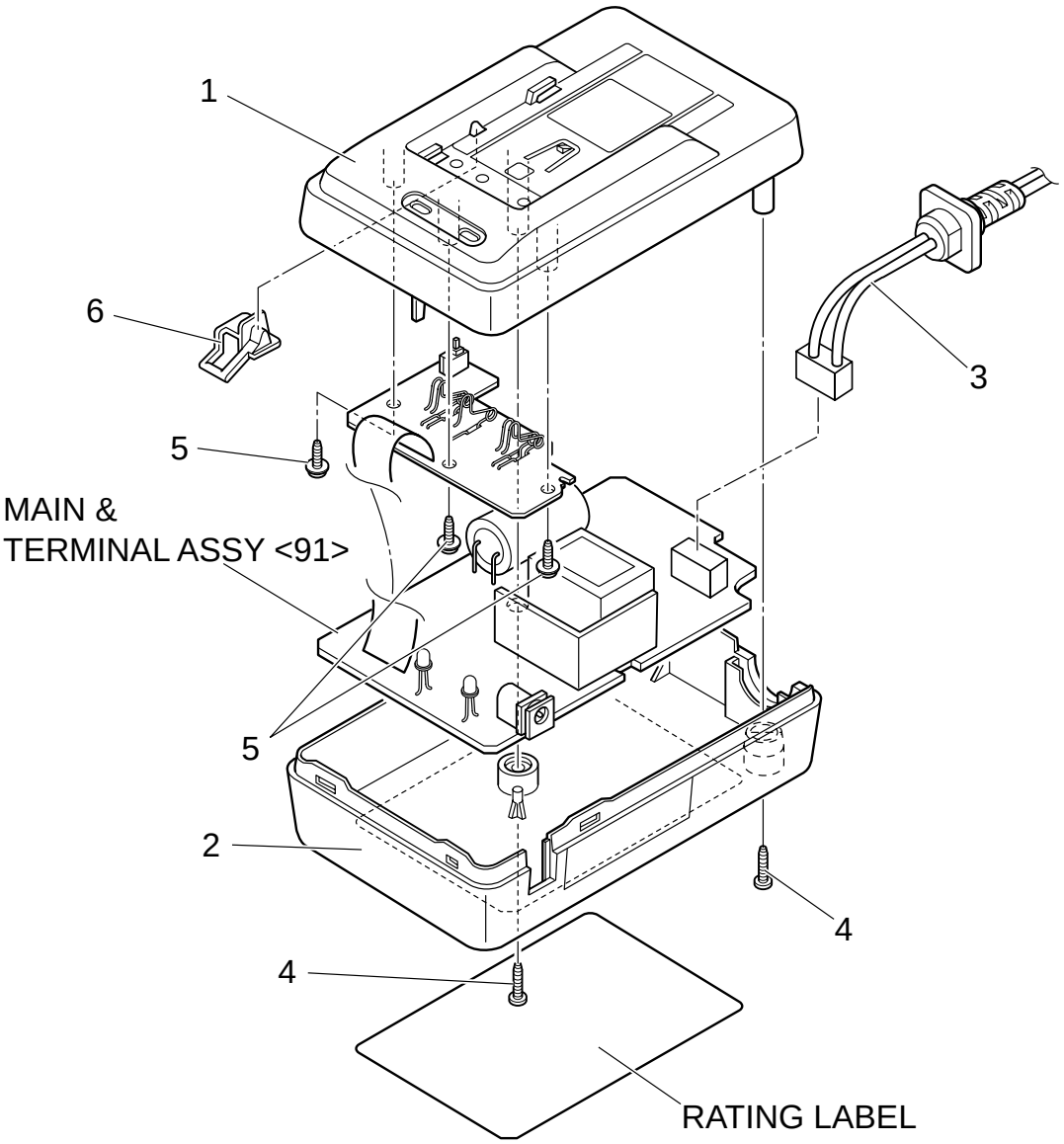
Note: Mark – is not used. Mark ← is same as left. Mark * reference model was also changed.

SECTION 6
AC POWER ADAPTER CHARGER (AA-V40EN)

SAFETY PRECAUTION

Parts identified by the ⚠ symbol are critical for safety. Replace only with specified part numbers.

6.1 CABINET ASSEMBLY <MA>



#⚠REF No.	PART No.	PART NAME, DESCRIPTION

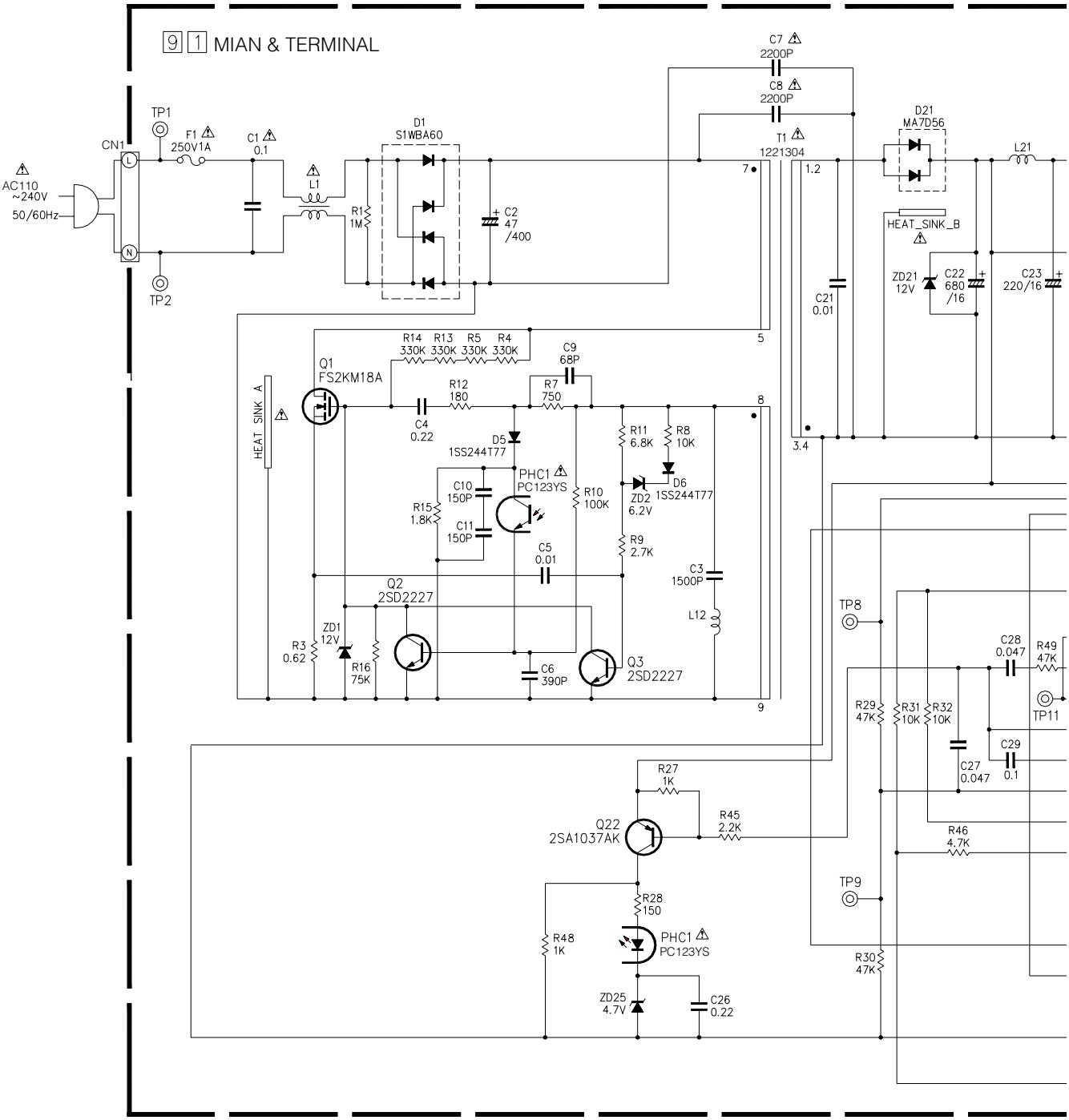
****

CABINET ASSEMBLY <MA>

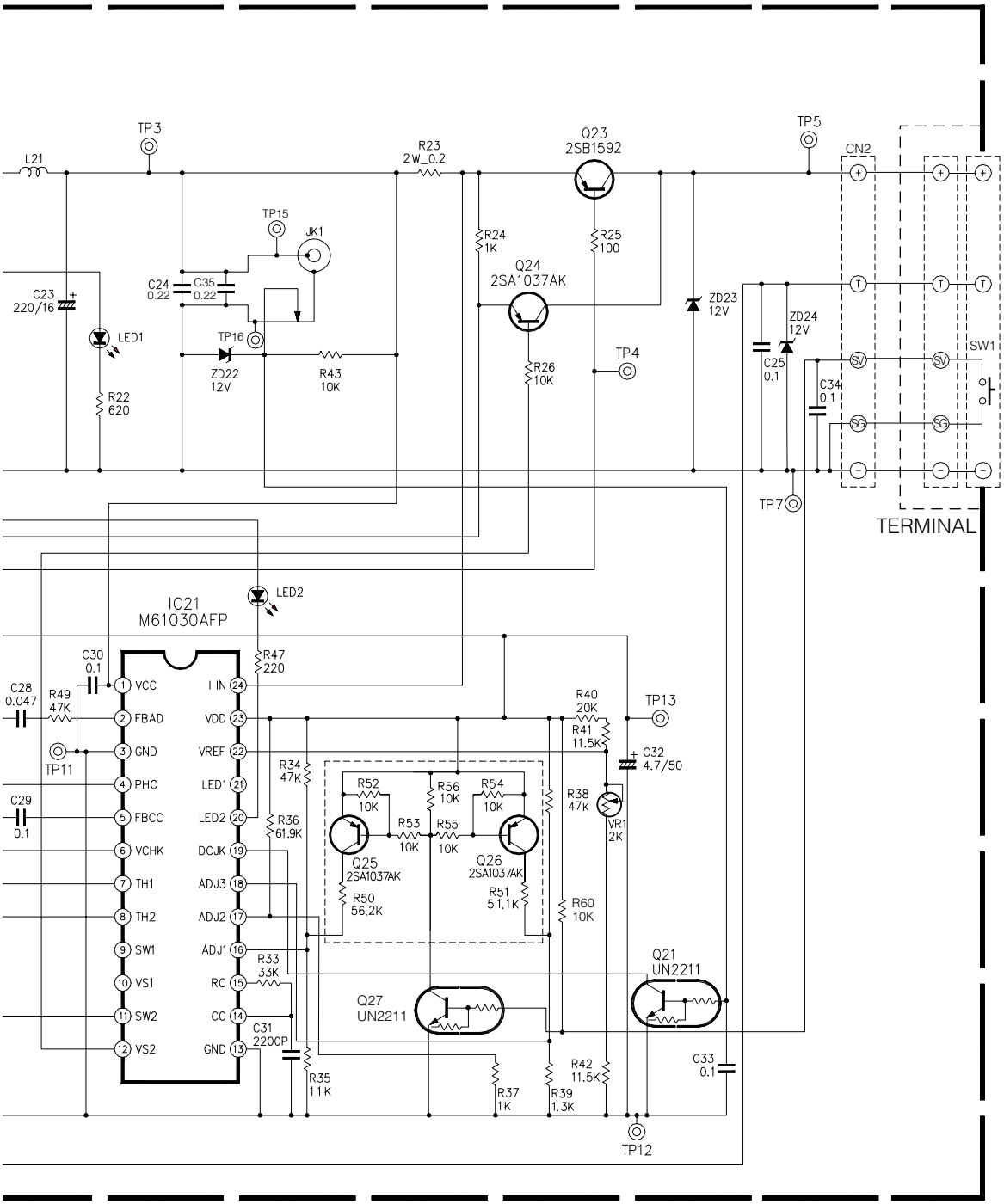
⚠1	PTY20591-013	UPPER CASE ASSY
⚠2	PTY20483-023	LOWER CASE
⚠3	PTY20483-035	POWER CORD
4	YQ10531-011	SCREW,x2
5	PTY20545-055	SCREW,x3
6	PTY20591-053	SWITCH COVER

6.2 SCHEMATIC DIAGRAM

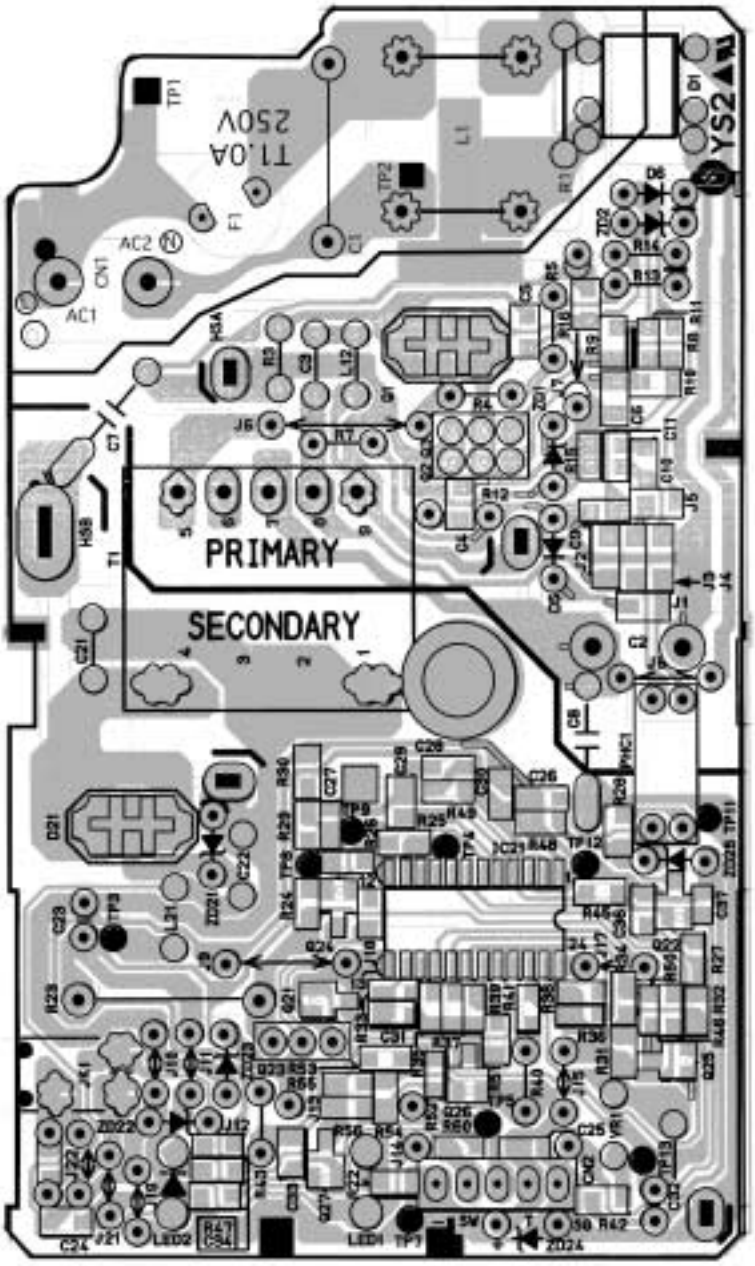
NOTE: *When ordering parts, be sure to order according to the Part Number indicated in the Parts List.*

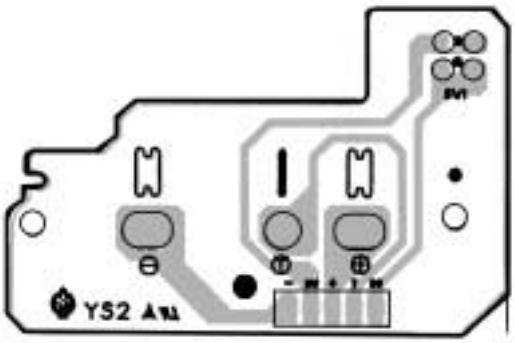


Safety precautions
The components identified by the symbol ⚠ are critical for safety. For continued safety, replace safety critical components only with manufacturer's recommended parts.



6.3 CIRCUIT BOARD





6.4 ELECTRICAL PARTS LIST

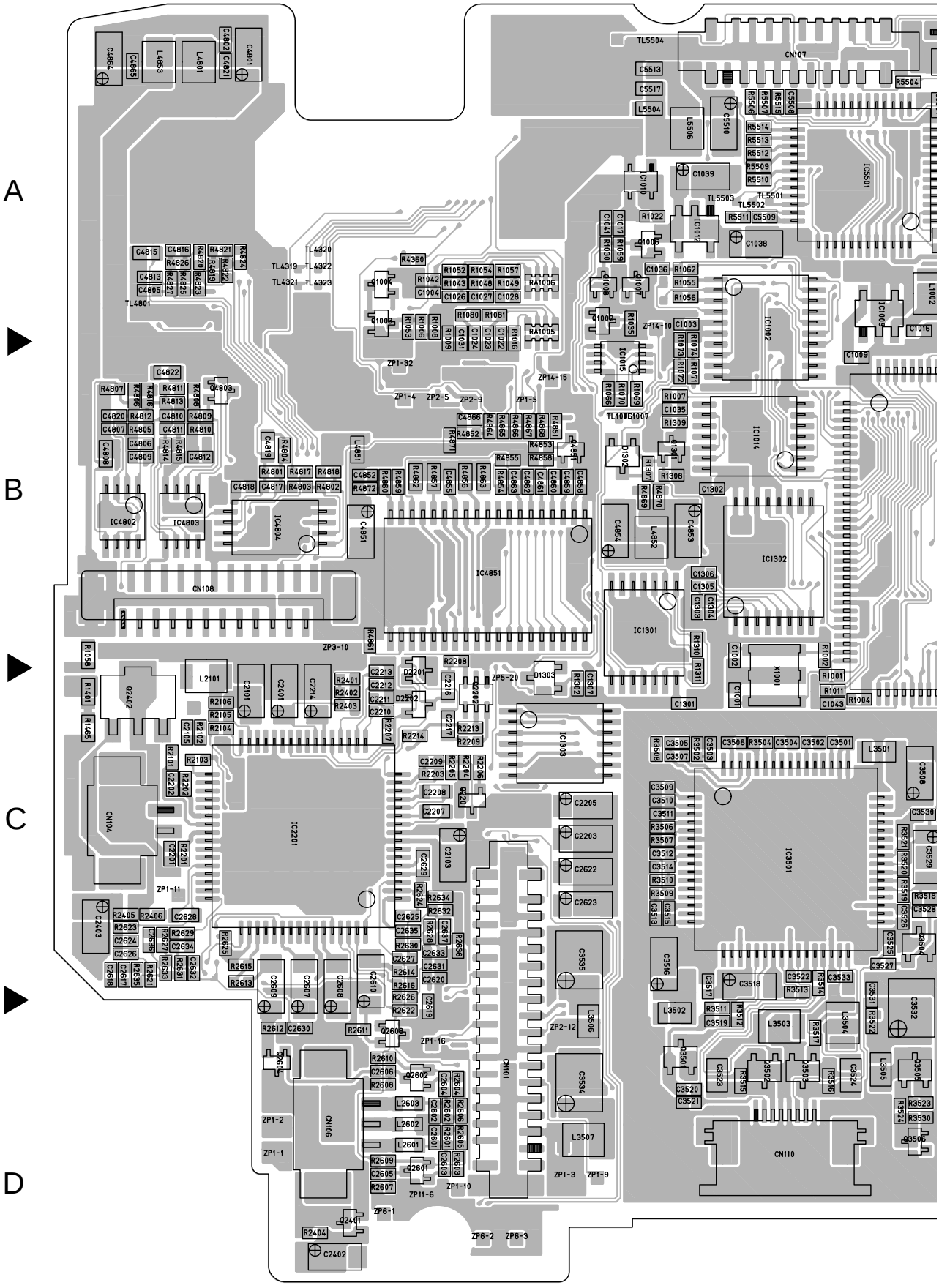
#⚠REF No.	PART No.	PART NAME, DESCRIPTION	
**********			

MAIN & TERMINAL BOARD ASSY <91>

⚠ PW1	PTY20591-503	MAIN & TERMINAL BOARD ASSY	
⚠ HS1	PTY20483-071	HEAT SINK A	
⚠ HS2	PTY20591-072	HEAT SINK B	
OT1	PTY10067-551	SCREW	
IC21	M61030AFP	CHARGE COTROL IC 24pin SOP	
Q1	FS2KM18A	MOS FET	
Q2	2SD2227	TRANSISTER	
Q3	2SD2227	TRANSISTER	
Q21	UN2211TX	DIG.TRANSISTER	
Q22	2SA1037AK/QR/-X	CHIP TRANSISTER	
Q23	2SB1592	TRANSISTER	
Q24	2SA1037AK/QR/-X	TRANSISTER	
Q25	2SA1037AK/QR/-X	TRANSISTER	
Q26	2SA1037AK/QR/-X	TRANSISTER	
Q27	UN2211TX	DIG TRANSISTOR	
D1	S1WBA60	B.DIODE	600V 1A
D5	1SS244T77	DIODE	200V 6A
D6	1SS244T77	DIODE	200V 6A
D21	MA7D56	DIODE	60V 10A
ZD1	MTZJ12C-T2	ZENER DIODE	12V
ZD2	MTZJ6.2B-T2	ZENER DIODE	6.2V 500mW
ZD21	MTZJ12C-T2	ZENER DIODE	12V
ZD22	MTZJ12C-T2	ZENER DIODE	12V
ZD23	MTZJ12C-T2	ZENER DIODE	12V
ZD24	MTZJ12C-T2	ZENER DIODE	12V
ZD25	MA4047NM	ZENER DIODE	4.7V 500mW
LED1	YQ10531-540	LED RED POWER	
LED2	YQ10531-542	LED GREEN CHARGE	
R1	QRN141J-105	RESISTOR	1MΩ 1/4W
R3	PTY10067-601	MF RESISTOR	0.62Ω 1W
R4	QRE141J-334Y	RESISTOR	330kΩ 1/4W
R5	QRE141J-334Y	RESISTOR	330kΩ 1/4W
R7	QRE141J-751Y	RESISTOR	750Ω 1/4W
R8	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W
R9	NRSA02J-272X	MG RESISTOR	2.7kΩ 1/10W
R10	NRSA02J-104X	MG RESISTOR	100kΩ 1/10W
R11	NRSA02J-682X	MG RESISTOR	6.8kΩ 1/10W
R12	QRE141J-181Y	RESISTOR	180Ω 1/4W
R13	QRE141J-334Y	RESISTOR	330kΩ 1/4W
R14	QRE141J-334Y	RESISTOR	330kΩ 1/4W
R15	NRSA02J-182X	MG RESISTOR	1.8kΩ 1/10W
R16	NRSA02J-753X	MG RESISTOR	75kΩ 1/10W
R22	NRSA02J-621X	MG RESISTOR	620Ω 1/10W
R23	PTY20539-605	MF RESISTOR	0.20Ω 2W
R24	NRSA02J-102X	MG RESISTOR	1kΩ 1/10W
R25	NRSA02J-101X	MG RESISTOR	100Ω 1/10W
R26	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W
R27	NRSA02J-102X	MG RESISTOR	1kΩ 1/10W
R28	NRSA02J-151X	MG RESISTOR	150Ω 1/10W
R29	PTY20539-601	MG RESISTOR	47.0kΩ 1/10W
R30	PTY20539-601	MG RESISTOR	47.0kΩ 1/10W
R31	NRSA02F-103X	MG RESISTOR	10.0kΩ 1/10W
R32	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W
R33	NRSA02J-333X	MG RESISTOR	33kΩ 1/10W
R34	PTY20539-601	MG RESISTOR	47.0kΩ 1/10W
R35	PTY20539-602	MG RESISTOR	11.0kΩ 1/10W
R36	NRSA02F-6192X	MG RESISTOR	61.9kΩ 1/10W
R37	PTY20539-603	MG RESISTOR	1.0kΩ 1/10W
R38	PTY20539-601	MG RESISTOR	47.0kΩ 1/10W
R39	PTY20539-604	MG RESISTOR	1.3kΩ 1/10W
R40	PTY20450-200	MG RESISTOR	20.0kΩ 1/4W
R41	NRSA02F-1152X	MG RESISTOR	11.5kΩ 1/10W
R42	NRSA02F-1152X	MG RESISTOR	11.5kΩ 1/10W
R43	QRE141J-103Y	MF RESISTOR	10kΩ 1/4W
R45	NRSA02J-222X	MG RESISTOR	2.2kΩ 1/10W
R46	NRSA02J-472X	MG RESISTOR	4.7kΩ 1/10W
R47	NRSA02J-221X	MG RESISTOR	220Ω 1/10W
R48	NRSA02J-102X	MG RESISTOR	1kΩ 1/10W
R49	NRSA02J-473X	MG RESISTOR	47kΩ 1/10W
R50	NRSA02F-5622X	MG RESISTOR	56.2kΩ 1/10W
R51	NRSA02F-5112X	MG RESISTOR	51.1kΩ 1/10W
R52	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W
R53	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W
R54	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W
R55	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W
R56	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W
R60	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W
⚠ C1	PTY20292-303	CAPACITOR	0.068μF 275V
C2	YQ10626-402	E CAPACITOR	47μF 400V
C3	PTY10067-651	CAPACITOR	1500pF 250V
C4	NCB21CK-224X	CAPACITOR	0.22μF 16V
C5	PTY10067-653	CAPACITOR	0.01μF 50V
C6	NCB21HK-391X	CAPACITOR	390pF 50V
⚠ C7	PTY20538-611	CAPACITOR	2200pF 250V
⚠ C8	PTY20538-611	CAPACITOR	2200pF 250V
C9	NDC21HJ-680X	CAPACITOR	68pF 50V
C10	NDC21HJ-151X	CAPACITOR	150pF 50V
C11	NDC21HJ-151X	CAPACITOR	150pF 50V
C21	PTY10067-657	CAPACITOR	0.01μF 250V
C22	PTY20292-321	E CAPACITOR	680μF 16V
C23	QETL1CM-227	E CAPACITOR	220μF 16V
C24	NCB21CK-224X	CAPACITOR	0.22μF 16V
C25	NCF21EZ-104X	CAPACITOR	0.1μF 25V
C26	NCB21CK-224X	CAPACITOR	0.22μF 16V
C27	NCB21EK-473X	CAPACITOR	0.047μF 25V
C28	NCB21HK-473X	CAPACITOR	0.047μF 50V
C29	NCB21EK-104X	CAPACITOR	0.1μF 25V
C30	NCF21EZ-104X	CAPACITOR	0.1μF 25V
C31	NCB21HK-222X	CAPACITOR	0.0022μF 50V
C32	QEHA1HM-475	E CAPACITOR	4.7μF 50V
C33	NCF21EZ-104X	CAPACITOR	0.1μF 25V
C34	NCF21EZ-104X	CAPACITOR	0.1μF 25V
C35	QFLA1HJ-224	F CAPACITOR	0.22μF 50V
⚠ T1	PTY20538-801	SW TRANS	
VR1	PTY20483-101	VOLUME	2kΩ
⚠ F1	PTY20450-041	FUSE	1A 250V
JK1	YQ21032-301	DC JACK	
⚠ L1	PTY20450-401	LINE FILTER	
L12	PTY10067-702	BEAD INDUCTOR	
L21	PTY10067-703	COIL	
⚠ PHC1	PC123YS	PHOTO COUPLER	
SW1	PTY20545-662	SWITCH	
WR1	PTY20591-052	FLAT CABLE (5P)	
TB1	PTY20545-051	TERMINAL,x5	
CN1	PTY20483-001	CONNECTOR	

SECTION 4
CHARTS AND DIAGRAMS

4.1 MAIN CIRCUIT BOARD


A
B
C
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5
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3
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IC4851
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L5506
L1002
TL4320
TL4319
TL4322
TL4321
TL4323
TL5504
TL5503
TL5502
TL5501
TL1001
TL1007
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ZP6-2
ZP6-3
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RA1005
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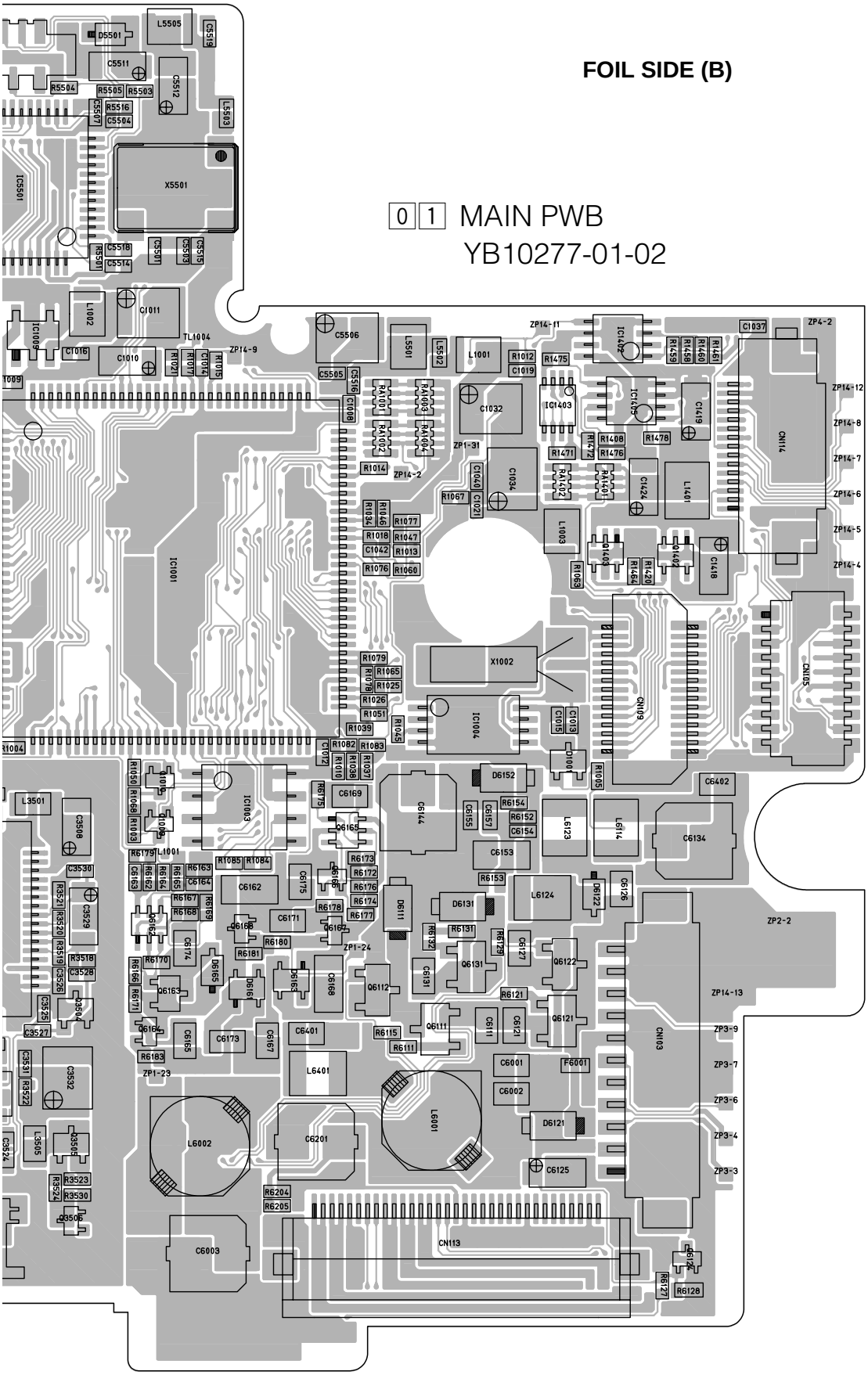
C3561

FOIL SIDE (B)

0 1 MAIN PWB
YB10277-01-02



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COMPONENT PARTS LOCATION GUIDE (MAIN)

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C1003	B	C	3A
C1004	B	C	4A
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C1009	B	C	3B
C1010	B	C	3B
C1011	B	C	3A
C1012	B	C	2C
C1013	B	C	1C
C1014	B	C	2B
C1015	B	C	1C
C1016	B	C	3A
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C6201	B	C	2D
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C6302	A	C	3C
C6401	B	C	2C
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CN102	A	C	4D
CN103	B	C	1D
CN104	B	C	5C
CN105	B	C	1B
CN106	B	C	4D
CN107	B	C	3A
CN108	B	C	5B
CN109	B	C	1C
CN110	B	C	3D
CN111	A	C	5B
CN112	A	C	1D
CN113	B	C	2D
CN114	B	C	1B
DIODE			
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D6151	A	C	2B
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IC1003	B	C	2C
IC1004	B	C	2C
IC1009	B	C	3A
IC1010	B	C	4A
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IC1015	B	C	4B
IC1301	B	C	4B
IC1302	B	C	3B
IC1303	B	C	4C
IC1401	A	C	2B
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IC1403	B	C	1B
IC1405	B	C	1B
IC1601	A	C	1B
IC2201	B	C	5C
IC3001	A	C	4B
IC3002	A	C	4C
IC3004	A	C	3B
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IC3007	A	C	3C
IC3101	A	C	5C
IC3201	A	C	2C
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IC4805	A	C	5A
IC4851	B	C	4B
IC5501	B	C	3A
IC6001	A	C	2D
IC6301	A	C	3D
COIL			
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L1002	B	C	3A
L1003	B	C	1B
L1401	B	C	1B
L1601	A	C	1B
L1602	A	C	1C
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L6123	B	C	1C
L6124	B	C	1C
L6131	A	C	1C
L6141	A	C	1C
L6151	A	C	2C
L6161	A	C	2C
L6202	A	C	1D
L6401	B	C	2D
TRANSISTOR			
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Q1003	B	C	4A
Q1004	B	C	4A
Q1006	B	C	4A
Q1007	B	C	4A
Q1008	B	C	4A
Q1009	B	C	2C
Q1010	B	C	2C
Q1301	B	C	3B
Q1401	A	C	2B
Q1402	B	C	1B
Q1403	B	C	1B
Q1601	A	C	2B
Q2201	B	C	4C
Q2202	B	C	4C
Q2401	B	C	4D
Q2402	B	C	5C
Q2601	B	C	4D
Q2602	B	C	4D
Q2603	B	C	4D
Q2604	B	C	5D
Q3501	B	C	3D
Q3502	B	C	3D
Q3503	B	C	3D
Q3504	B	C	3C
Q3505	B	C	3D
Q3506	B	C	3D
Q3701	A	C	5A
Q3702	A	C	5A
Q3703	A	C	5B
Q3704	A	C	5B
Q3705	A	C	5B
Q3706	A	C	5B
Q3707	A	C	5B
Q3708	A	C	5A
Q3709	A	C	5B
Q3710	A	C	5B
Q3711	A	C	5B
Q4302	A	C	4B
Q4306	A	C	4B
Q4307	A	C	4B
Q4803	B	C	5B
Q4851	B	C	4B
Q6111	B	C	2C
Q6112	B	C	2C
Q6121	B	C	1C
Q6122	B	C	1C
Q6123	A	C	1D
Q6124	B	C	1D
Q6131	B	C	2C
Q6132	A	C	2C
Q6141	A	C	1C
Q6151	A	C	2B
Q6161	A	C	2D
Q6162	B	C	3C
Q6163	B	C	2C
Q6164	B	C	3C
Q6165	B	C	2C
Q6166	B	C	2C
Q6167	B	C	2C
Q6168	B	C	2C
Q6201	A	C	2C
Q6202	A	C	2D
Q6203	A	C	2C
Q6301	A	C	3D
Q6302	A	C	3D
Q6303	A	C	3D
Q6304	A	C	3D
Q6305	A	C	2C
RESISTOR			
R1001	B	C	3C
R1002	B	C	3B
R1003	B	C	3C
R1004	B	C	3C
R1005	B	C	1C
R1006	B	C	4A
R1007	B	C	3B
R1008	B	C	4A
R1009	B	C	4B
R1010	B	C	2C
R1011	B	C	3C
R1012	B	C	1A
R1013	B	C	2B
R1014	B	C	2B
R1015	B	C	2B
R1016	B	C	4B
R1017	B	C	2B

REF.No.	LOCATION			REF.No.	LOCATION			REF.No.	LOCATION			REF.No.	LOCATION			REF.No.	LOCATION		
R1018	B	C	2B	R1618	A	C	1B	R3233	A	C	3D	R4317	A	C	4B	R6132	B	C	2C	TL1617	A	C	1B
R1021	B	C	2B	R1619	A	C	1B	R3234	A	C	4D	R4318	A	C	4B	R6133	A	C	1C	TL1618	A	C	1B
R1022	B	C	4A	R1620	A	C	1A	R3236	A	C	4D	R4328	A	C	4B	R6134	A	C	1C	TL1619	A	C	1B
R1025	B	C	2B	R1621	A	C	1B	R3237	A	C	3D	R4329	A	C	4A	R6135	A	C	2C	TL3004	A	C	4C
R1026	B	C	2B	R1622	A	C	1C	R3301	A	C	4D	R4330	A	C	3A	R6136	A	C	2D	TL3005	A	C	3B
R1030	B	C	4A	R1624	A	C	1A	R3303	A	C	4D	R4333	A	C	4B	R6137	A	C	2D	TL3006	A	C	3B
R1034	B	C	2B	R1625	A	C	1B	R3304	A	C	4D	R4334	A	C	4B	R6138	A	C	2C	TL3007	A	C	4B
R1035	B	C	4A	R1626	A	C	1B	R3306	A	C	4D	R4335	A	C	3A	R6141	A	C	1C	TL3008	A	C	4B
R1037	B	C	2C	R1627	A	C	1B	R3307	A	C	4D	R4336	A	C	3A	R6142	A	C	1C	TL3010	A	C	4B
R1038	B	C	2C	R1628	A	C	1B	R3308	A	C	4D	R4337	A	C	3A	R6143	A	C	1C	TL3011	A	C	4B
R1039	B	C	2C	R1629	A	C	1B	R3309	A	C	4D	R4338	A	C	3A	R6144	A	C	1C	TL3012	A	C	4B
R1042	B	C	4A	R1630	A	C	1B	R3310	A	C	4D	R4339	A	C	3B	R6145	A	C	1C	TL3201	A	C	4D
R1043	B	C	4A	R1631	A	C	2B	R3312	A	C	4D	R4341	A	C	4B	R6146	A	C	1C	TL3202	A	C	2B
R1045	B	C	2C	R1635	A	C	2B	R3313	A	C	4D	R4342	A	C	4B	R6151	A	C	2B	TL3203	A	C	2C
R1046	B	C	2B	R1636	A	C	2B	R3314	A	C	4D	R4343	A	C	4B	R6152	B	C	1C	TL3204	A	C	2C
R1047	B	C	2B	R1637	A	C	2B	R3315	A	C	4D	R4344	A	C	4B	R6153	B	C	2C	TL3205	A	C	4D
R1048	B	C	4A	R1638	A	C	1B	R3316	A	C	4D	R4345	A	C	4A	R6154	B	C	1C	TL3206	A	C	3B
R1049	B	C	4A	R1639	A	C	1B	R3317	A	C	4D	R4346	A	C	4B	R6161	A	C	2D	TL3301	A	C	4D
R1050	B	C	3C	R1640	A	C	1B	R3318	A	C	4D	R4347	A	C	4B	R6162	B	C	3C	TL3302	A	C	3D
R1051	B	C	2C	R1641	A	C	1B	R3319	A	C	4D	R4348	A	C	4B	R6163	B	C	2C	TL3701	A	C	3A
R1052	B	C	4A	R1643	A	C	1A	R3330	A	C	4D	R4349	A	C	4B	R6164	B	C	2C	TL4201	A	C	5A
R1053	B	C	4A	R1644	A	C	1B	R3331	A	C	4D	R4350	A	C	4B	R6165	B	C	2C	TL4301	A	C	3A
R1054	B	C	4A	R1645	A	C	1B	R3332	A	C	4D	R4351	A	C	4B	R6166	B	C	3C	TL4302	A	C	2A
R1055	B	C	3A	R1646	A	C	1B	R3333	A	C	4D	R4352	A	C	4A	R6167	B	C	2C	TL4303	A	C	3A
R1056	B	C	3A	R2101	B	C	5C	R3334	A	C	4D	R4353	A	C	4A	R6168	B	C	2C	TL4304	A	C	3A
R1057	B	C	4A	R2102	B	C	5C	R3335	A	C	4D	R4354	A	C	3B	R6169	B	C	2C	TL4305	A	C	3A
R1058	B	C	5B	R2103	B	C	5C	R3336	A	C	4D	R4355	A	C	3B	R6170	B	C	2C	TL4308	A	C	2A
R1059	B	C	4A	R2104	B	C	5C	R3337	A	C	4D	R4356	A	C	4B	R6171	B	C	3C	TL4309	A	C	3A
R1060	B	C	2B	R2105	B	C	5C	R3338	A	C	4D	R4357	A	C	4A	R6172	B	C	2C	TL4310	A	C	3A
R1062	B	C	3A	R2106	B	C	5C	R3339	A	C	4D	R4358	A	C	4B	R6173	B	C	2C	TL4311	A	C	3A
R1063	B	C	1B	R2201	B	C	5C	R3341	A	C	3C	R4359	A	C	3B	R6174	B	C	2C	TL4312	A	C	4B
R1065	B	C	2B	R2202	B	C	5C	R3343	A	C	3C	R4360	B	C	4A	R6175	B	C	2C	TL4319	B	C	5A
R1066	B	C	4B	R2203	B	C	4C	R3344	A	C	3D	R4361	A	C	3A	R6176	B	C	2C	TL4320	B	C	5A
R1067	B	C	2B	R2204	B	C	4C	R3345	A	C	3D	R4801	B	C	5B	R6177	B	C	2C	TL4321	B	C	5A
R1068	B	C	3C	R2205	B	C	4C	R3346	A	C	3D	R4802	B	C	5B	R6178	B	C	2C	TL4322	B	C	5A
R1069	B	C	4B	R2206	B	C	4C	R3347	A	C	3D	R4803	B	C	5B	R6179	B	C	3C	TL4323	B	C	5A
R1070	B	C	4B	R2207	B	C	4C	R3348	A	C	3C	R4804	B	C	5B	R6180	B	C	2C	TL4324	A	C	2A
R1071	B	C	3B	R2208	B	C	4B	R3349	A	C	3D	R4805	B	C	5B	R6181	B	C	2C	TL4325	A	C	2A
R1072	B	C	3B	R2209	B	C	4C	R3350	A	C	3C	R4806	B	C	5B	R6182	A	C	2D	TL4326	A	C	3A
R1073	B	C	3B	R2213	B	C	4C	R3351	A	C	3D	R4807	B	C	5B	R6183	B	C	3C	TL4327	A	C	3A
R1074	B	C	3B	R2214	B	C	4C	R3357	A	C	3D	R4808	B	C	5B	R6201	A	C	2C	TL4328	A	C	3A
R1076	B	C	2B	R2401	B	C	4C	R3361	A	C	3D	R4809	B	C	5B	R6202	A	C	2C	TL4801	B	C	5A
R1077	B	C	2B	R2402	B	C	4C	R3362	A	C	3D	R4810	B	C	5B	R6203	A	C	2C	TL5501	B	C	3A
R1078	B	C	2B	R2403	B	C	4C	R3363	A	C	3D	R4811	B	C	5B	R6204	B	C	2D	TL5502	B	C	3A
R1079	B	C	2B	R2404	B	C	5D	R3364	A	C	3D	R4812	B	C	5B	R6205	B	C	2D	TL5503	B	C	3A
R1080	B	C	4A	R2405	B	C	5C	R3365	A	C	3D	R4813	B	C	5B	R6206	A	C	2C	TL5504	B	C	4A
R1081	B	C	4A	R2406	B	C	5C	R3366	A	C	3D	R4814	B	C	5B	R6301	A	C	3D	TM2	A	C	1A
R1082	B	C	2C	R2601	B	C	4D	R3367	A	C	4D	R4815	B	C	5B	R6302	A	C	3D	TM4	A	C	4A
R1083	B	C	2C	R2602	B	C	4D	R3379	A	C	4D	R4816	B	C	5B	R6303	A	C	3D	TM6	A	C	1A
R1084	B	C	2C	R2603	B	C	4D	R3380	A	C	3D	R4817	B	C	5B	R6304	A	C	2D	TM8	A	C	4A
R1085	B	C	2C	R2604	B	C	4D	R3502	B	C	3C	R4818	B	C	5B	R6305	A	C	2D	TP6001	A	C	2D
R1302	B	C	4C	R2605	B	C	4D	R3504	B	C	3C	R4819	B	C	5A	R6306	A	C	2D	X1001	B	C	3C
R1307	B	C	4B	R2606	B	C	4D	R3506	B	C	3C	R4820	B	C	5A	R6307	A	C	3D	X1002	B	C	2B
R1308	B	C	3B	R2607	B	C	4D	R3507	B	C	3C	R4821	B	C	5A	R6308	A	C	3D	X3001	A	C	4B
R1309	B	C	3B	R2608	B	C	4D	R3508	B	C	4C	R4822	B	C	5A	R6907	A	C	2D	X3301	A	C	3C
R1310	B	C	3B	R2609	B	C	4D	R3509	B	C	3C	R4823	B	C	5A	R6914	A	C	3D	X5501	B	C	2A
R1311	B	C	3C	R2610	B	C	4D	R3510	B	C	3C	R4824	B	C	5A	RA1001	B	C	2B	ZP1-1	B	C	5D
R1401	B	C	5C	R2611	B	C	4D	R3511	B	C	3D	R4825	B	C	5A	RA1002	B	C	2B	ZP1-10	B	C	4D
R1408	B	C	1B	R2612	B	C	5D	R3512	B	C	3D	R4826	B	C	5A	RA1003	B	C	2B	ZP1-11	B	C	5C
R1410	A	C	2B	R2613	B	C	5C	R3513	B	C	3C	R4827	B	C	5A	RA1004	B	C	2B	ZP11-3	A	C	5B
R1412	A	C	2B	R2614	B	C	4C	R3514	B	C	3C	R4851	B	C	4B	RA1005	B	C	4A	ZP1-14	A	C	4B
R1413	A	C	2B	R2615	B	C	5C	R3515	B	C	3D	R4852	B	C	4B	RA1006	B	C	4A	ZP11-4	A	C	5B
R1414	A	C	3B	R2616	B	C	4C	R3516	B	C	3D	R4853	B	C	4B	RA1401	B	C	1B	ZP11-5	A	C	5B
R1415	A	C	2B	R2621	B	C	5C	R3517	B	C	3D	R4854	B	C	4B	RA1402	B	C	1B	ZP1-16	B	C	4D
R1420	B	C	1B	R2622	B	C	4D	R3518	B	C	3C	R4855	B	C	4B	RA1403	A	C	2B	ZP11-6	B	C	4D
R1427	A	C	2B	R2623	B	C	5C	R3519	B	C	3C	R4856	B	C	4B	RA4301	A	C	4A	ZP1-2	B	C	5D
R1428	A	C	2B	R2624	B	C	4C	R3520	B	C	3C	R4857	B	C	4B	RA4302	A	C	4A	ZP1-23	B	C	2D
R1429	A	C	2B	R2625	B	C	5C	R3521	B	C	3C	R4858	B	C	4B	RA4303	A	C	4A	ZP1-24	B	C	2C
R1430	A	C	2B	R2626	B	C	4C	R3522	B	C	3D	R4859	B	C	4B	RA4304	A	C	3A	ZP12-4	A	C	4D
R1431	A	C	2B	R2627	B	C	5C	R3523	B	C	3D	R4860	B	C	4B	RA4305	A	C	3A	ZP1-3	B	C	4D
R1432	A	C	2B	R2628	B	C	4C	R3524	B	C	3D	R4861	B	C	4B	RA4306	A	C	2A	ZP1-31	B	C	2B
R1433	A	C	2B	R2629	B	C	5C	R3530	B	C	3D	R4862	B	C	4B					ZP1-32	B	C	4B
R1434	A	C	2B	R2630	B	C	4C	R3701	A	C	5A	R4863	B	C	4B	**OTHER**				ZP1-4	B	C	4B
R1435	A	C	2B	R2631	B	C	5C	R3702	A	C	5A	R4864	B	C	4B	F6001	B	C	1C	ZP14-10	B	C	4A
R1438	A	C	2A	R2632	B	C	4C	R3703	A	C	5A	R4865	B	C	4B	F6003	A	C	1C	ZP14-11	B	C	1A
R1439	A	C	2A	R2633	B	C	5C	R3704	A	C	5A	R4866	B	C	4B	F6004	A	C	1C	ZP14-12	B	C	1B
R1444	A	C	3B	R2634	B	C	4C	R3705	A	C	5B	R4867	B	C	4B	F6005	A	C	2D	ZP14-13	B	C	1C
R1445	A	C	2B	R2635	B	C	5C	R3706	A	C	5A	R4868	B	C	4B	TH3201	A	C	3D	ZP14-15	B	C	4B
R1446	A	C	2A	R2636	B	C	4C	R3708	A	C	5B	R4869	B	C	4B	TH3301	A	C	4D	ZP14-2	B	C	2B
R1447	A	C	3B	R3002	A	C	4B	R3709	A	C	5B	R4870	B	C	4B	TL1001	B	C	2C	ZP14-4	B	C	1B
R1450	A	C	3B	R3005	A	C	3B	R3710	A	C	5B	R4871	B	C	4B	TL1004	B	C	2A	ZP14-5	B	C	1B
R1451	A	C	3B	R3006	A	C	3B	R3711	A	C	5B	R4872	B	C	4B	TL1006	B	C	4B	ZP14-6	B	C	1B
R1452	A	C	3A	R3007	A	C	4B	R3712	A	C	5B	R5501	B	C	3A	TL1007	B	C	4B	ZP14-7	B	C	1B
R1453	A	C	3A	R3008	A	C	3C	R3713	A	C	5A	R5503	B	C	3A	TL1008	B	C	3A	ZP14-8	B	C	1B
R1458	B	C	1A	R3030	A	C	3C	R3714	A	C	5A	R5504	B	C	3A	TL1009	B	C	3A	ZP14-9	B	C	2A
R1459	B	C	1A	R3031	A	C	3C	R3715	A	C	5A	R5505	B	C	3A	TL1401	A	C	2B	ZP1-5	B	C	4B
R1460	B	C	1A	R3032	A	C	3C	R3716	A	C	5B	R5506	B	C	3A	TL1402	A	C	2B	ZP1-6	A	C	3A
R1461	B	C	1A	R3047	A	C	4B	R3717	A	C	5B	R5507	B	C	3A	TL1403	A	C	2B	ZP1-9	B	C	4D
R1464	B	C	1B	R3052	A	C	4B	R3718	A	C	5B	R5509	B	C	3A	TL1404	A	C	3B	ZP2-1	A	C	5C
R1465	B	C	5C	R3054	A	C	4B	R3719	A	C	5B	R5510	B	C	3A	TL1405	A	C	3B	ZP2-10	A	C	5C
R1466	A	C	3B	R3055	A	C	4B	R3720	A	C	5B	R5511	B	C	3A	TL1406	A	C	3B	ZP2-11	A	C	5B
R1467	A	C	3B	R3056	A	C	4B	R3721	A	C	5B	R5512	B	C	3A	TL1407	A	C	2B	ZP2-12	B	C	4D
R1468	A	C	3B	R3057	A	C	4B	R3722	A	C	5B	R5513	B	C	3A	TL1408	A	C	3A	ZP2-19	A	C	5C
R1469	A	C	3B	R3058	A	C	4B	R3723	A	C	5B	R5514	B	C	3A	TL1409	A	C	3B	ZP2-2	B	C	1C
R1470	A	C	3B	R3059	A	C	4B	R3724	A	C	5B	R5515	B	C	3A	TL1410	A	C	3B	ZP2-20	A	C	5C
R1471	B	C	1B	R3060	A	C	3C	R3725	A	C	5B	R5516	B	C	3A	TL1411	A	C	2B	ZP2-21	A	C	5C
R1472	B	C	1B	R3062	A	C	4B	R3726	A	C	5B	R6001	A	C	2D	TL1422	A	C	2B	ZP2-22	A	C	5C
R1474	A	C	3B	R3063	A	C	4B	R3727	A	C	4B	R6002	A	C	2D	TL1423	A	C	2B	ZP2-3	A	C	4C
R1475	B	C	1B	R3101	A	C	5B	R3728	A	C	4B	R6009	A	C	3D	TL1426	A	C	3B	ZP2-4	A	C	4C
R1476	B	C	1B	R3102	A	C	5B	R4201	A	C	4A	R6010	A	C	3D	TL1427	A	C	3B	ZP2-5	B	C	4B
R1477	A	C	2B	R3103	A	C	4C	R4202	A	C	4A	R6011	A	C	3D	TL1433	A	C	2B	ZP2-9	B	C	4B
R1478	B	C	1B	R3105	A	C	5B	R4203	A	C	4A	R6012	A	C	2D	TL1434	A	C	3C	ZP3-10	B	C	4B
R1480	A	C	3B	R3106	A	C	4C	R4204	A	C	4A	R6111	B	C	2C	TL1601	A	C	1B	ZP3-3	B	C	1D
R1601	A	C	1B	R3113	A	C	4C	R4205	A	C	4A	R6112	A	C	2C	TL1602	A	C	1B	ZP3-4	B	C	1D
R1602	A	C	1B	R3115	A	C	5C	R4206	A	C	5A	R6113	A	C	2C	TL1603	A	C	1B	ZP3-6	B	C	1D
R1603	A	C	1A	R3117	A	C	5C	R4207	A	C	5A	R6114	A	C	2C	TL1604	A	C	1B	ZP3-7	B	C	1C
R1604	A	C	1B	R3118	A	C	5C	R4208	A	C	5A	R6115	B	C	2C	TL1605	A	C	1C	ZP3-9	B	C	1C
R1605	A	C	1C	R3119	A	C	5C	R4301	A	C	3A	R6116	A	C	2D	TL1606	A	C	1A	ZP4-1	B	C	5C
R1606	A	C	1B	R3120	A	C	5C	R4302	A	C	4A	R6121	B	C	1C	TL1607	A	C	1B	ZP4-2	B	C	1A
R1609	A	C	1C	R3121	A	C	4C	R4303	A	C	4A	R6122	A	C	1C	TL1608	A	C	1B	ZP5-20	B	C	4C
R1610	A	C	1D	R3128	A	C	5C	R4304	A	C	4A	R6123	A	C	1C	TL1609	A	C	1B	ZP5-5	A	C	3D
R1611	A	C	2D	R3201	A	C	3C	R4305	A	C	4A	R6124	A	C	1C	TL1610	A	C	1A	ZP6-1	B	C	4D
R1612	A	C	1B	R3202	A	C	3C	R4306	A	C	4A	R6125	A	C	1D	TL1611	A	C	1B	ZP6-2	B	C	4D
R1613	A	C	1B	R3211	A	C	2C	R4309	A	C	4B	R6126	A	C	1D	TL1612	A	C	1B	ZP6-3	B	C	4D
R1614	A	C	1B	R3212	A	C	2C	R4311	A	C	4B	R6127	B	C	1D	TL1613	A	C	1B				
R1615	A	C	1B	R3215	A	C	3C	R4313	A	C	4B	R6128	B	C	1D	TL1614	A	C	1B				
R1616	A	C	1B	R3221	A	C	3C	R4315	A	C	4B	R6129	B	C	2C	TL1615	A	C	1B				
R1617	A	C	1B	R3224	A	C	2B	R4316	A	C	4B	R6131	B	C	2C	TL1616	A	C	1B				

COMPONENT SIDE (A)

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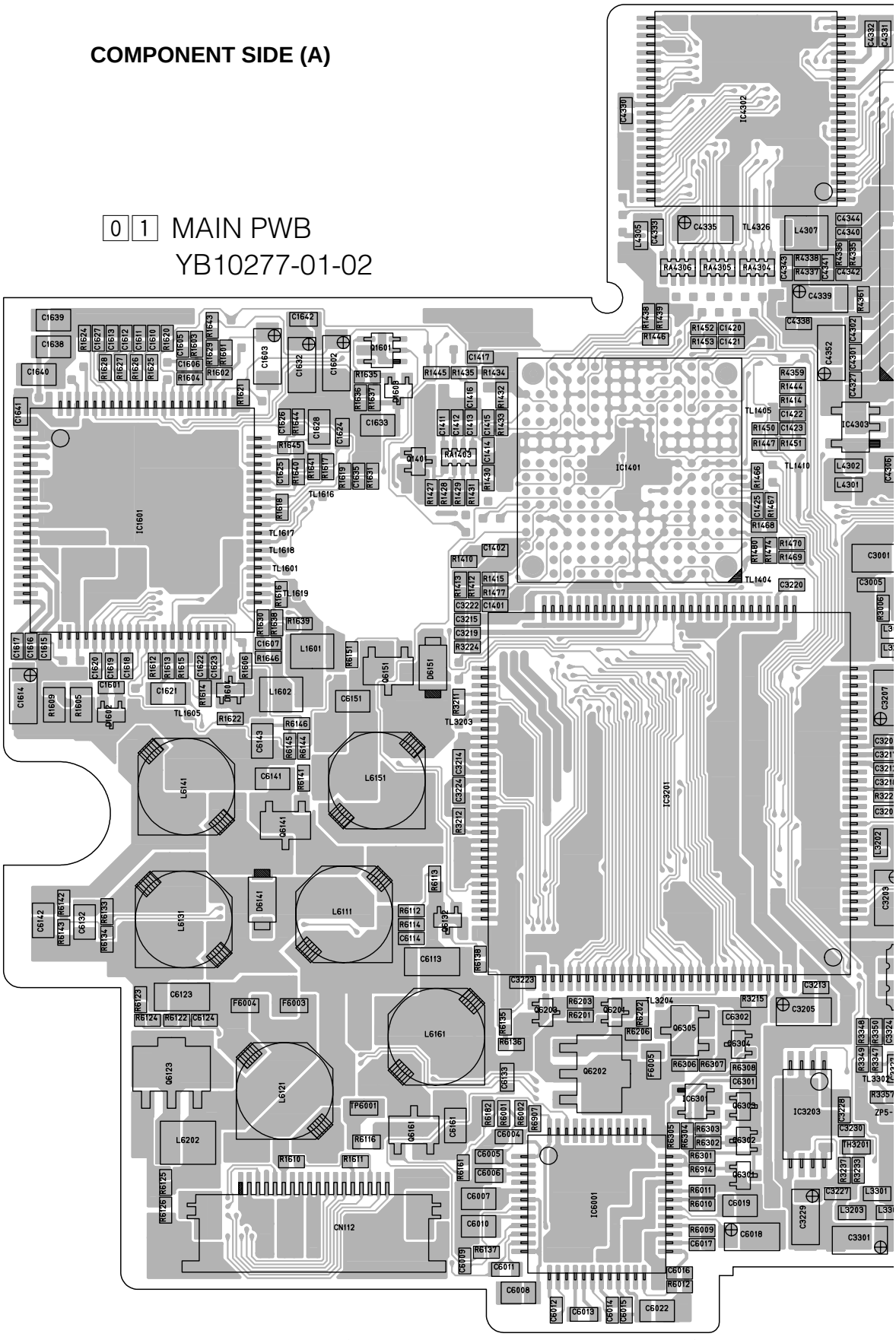
YB10277-01-02



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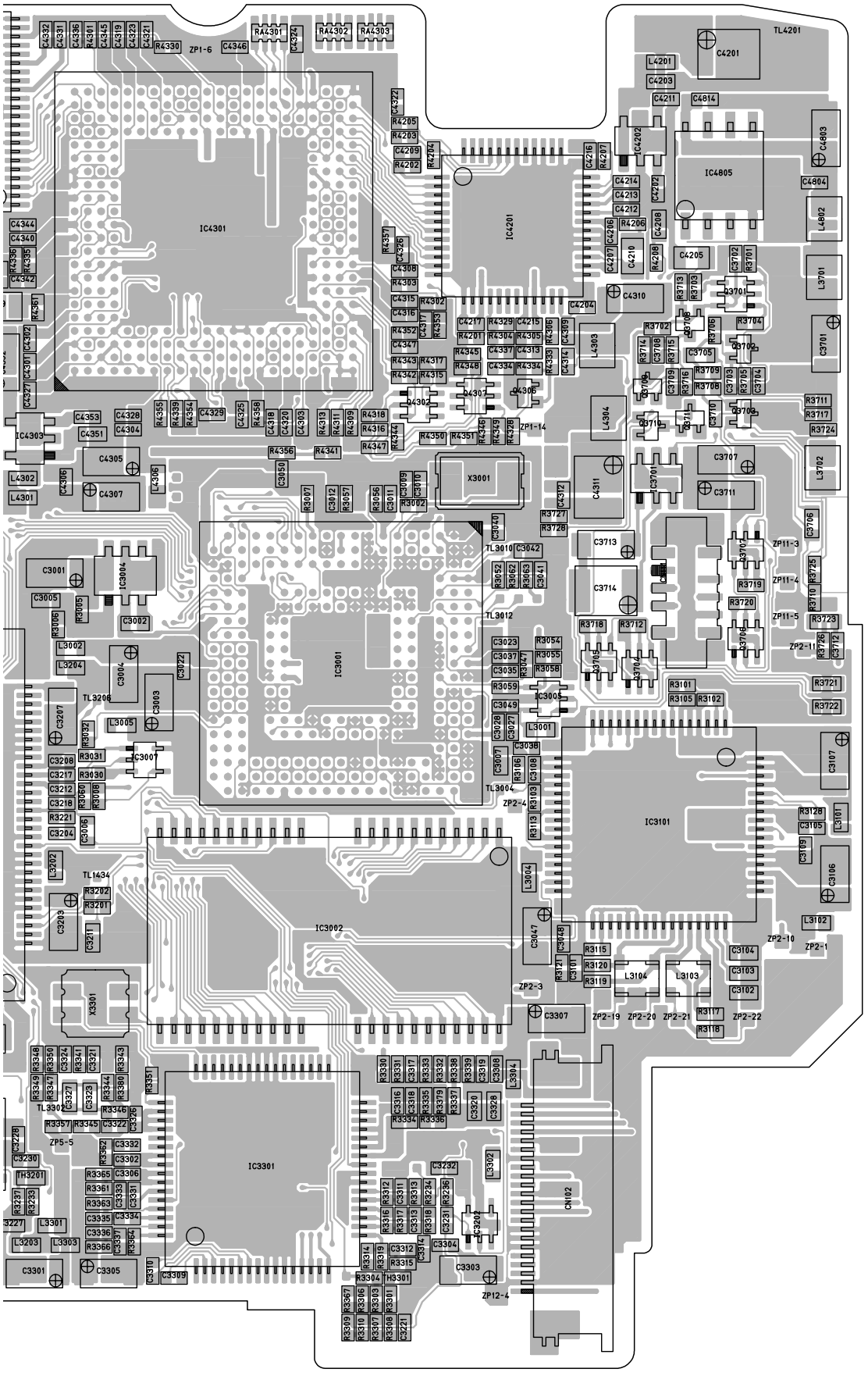
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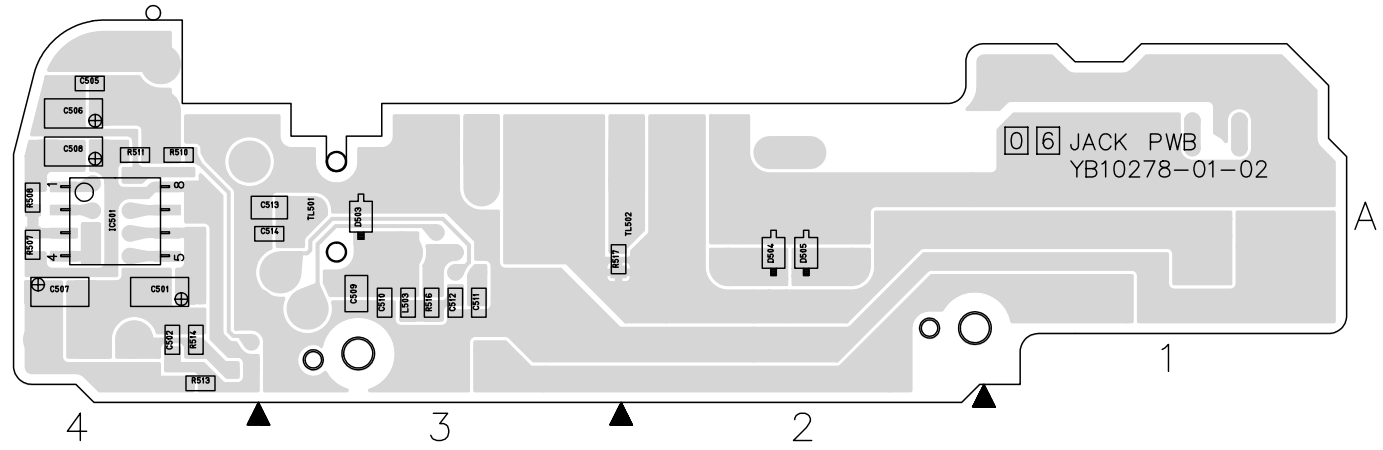
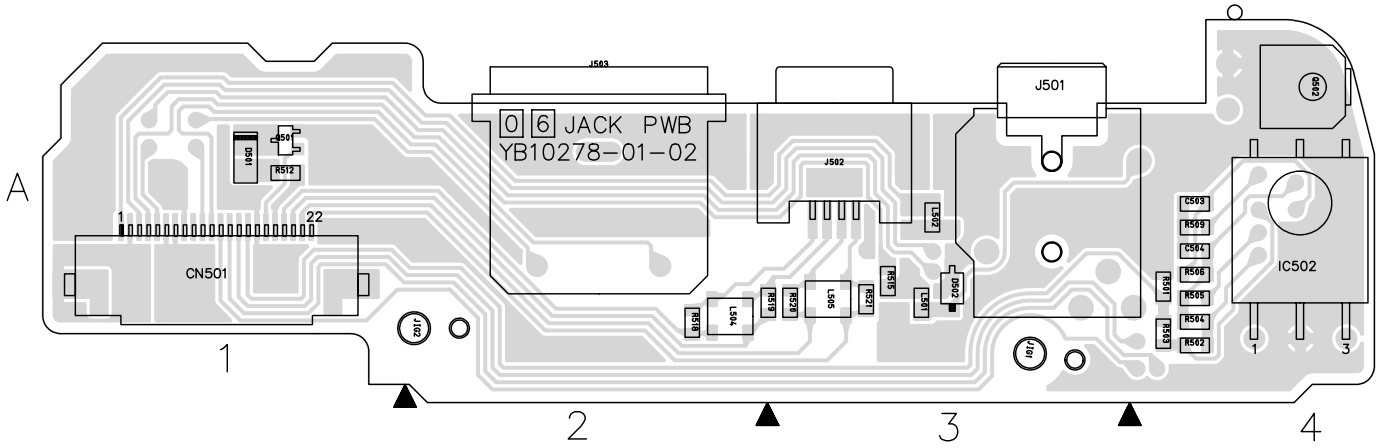
4.2 JACK, REAR AND JUNCTION CIRCUIT BOARDS

– JACK –

FOIL SIDE (B)



COMPONENT SIDE (A)



COMPONENT PARTS LOCATION GUIDE (JACK)

REF.No.	LOCATION		
CAPACITOR			
C501	B	C	4A
C502	B	C	4A
C503	A	C	4A
C504	A	C	4A
C505	B	C	4A
C506	B	C	4A
C507	B	C	4A
C508	B	C	4A
C509	B	C	3A
C510	B	C	3A
C511	B	C	3A
C512	B	C	3A
C513	B	C	3A
C514	B	C	3A

REF.No.	LOCATION		
CONNECTOR			
CN501	A	C	1A
DIODE			
D501	A	C	1A
D502	A	C	3A
D503	B	C	3A
D504	B	C	2A
D505	B	C	2A
IC			
IC501	B	C	4A
IC502	A	D	4A

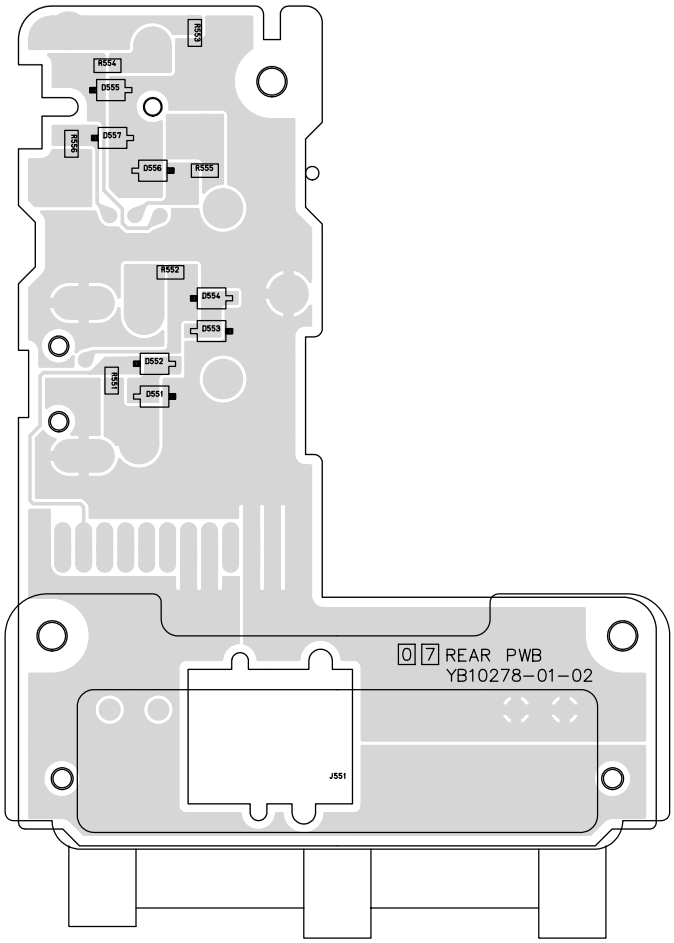
REF.No.	LOCATION		
COIL			
L501	A	C	3A
L502	A	C	3A
L503	B	C	3A
L504	A	C	2A
L505	A	C	3A
TRANSISTOR			
Q501	A	C	1A
Q502	A	D	4A
RESISTOR			
R501	A	C	4A
R502	A	C	4A
R503	A	C	4A

REF.No.	LOCATION		
R504	A	C	4A
R505	A	C	4A
R506	A	C	4A
R507	B	C	4A
R508	B	C	4A
R509	A	C	4A
R510	B	C	4A
R511	B	C	4A
R512	A	C	1A
R513	B	C	4A
R514	B	C	4A
R515	A	C	3A
R516	B	C	3A
R517	B	C	3A
R518	A	C	2A

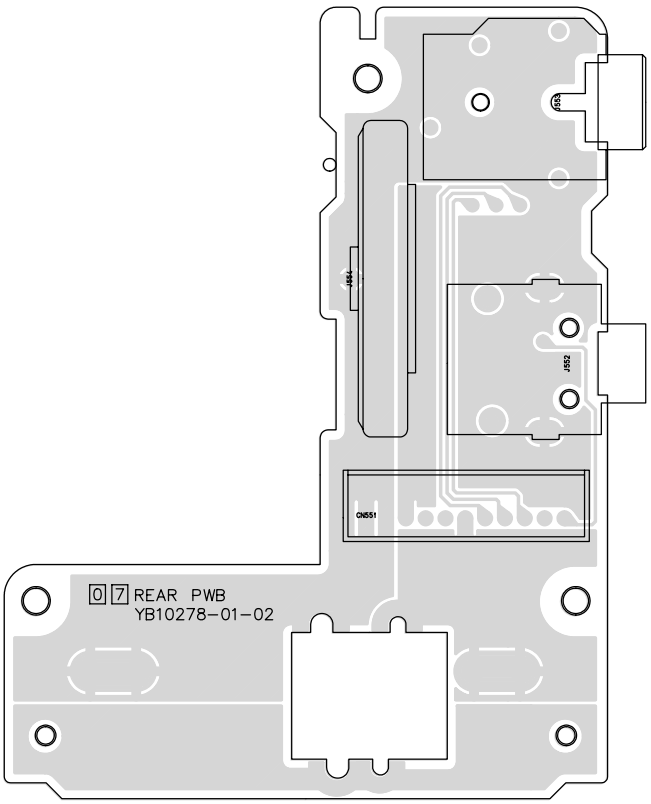
REF.No.	LOCATION		
R519	A	C	3A
R520	A	C	3A
R521	A	C	3A
OTHER			
J501	A	D	3A
J502	A	C	3A
J503	A	D	2A
TL501	B	C	3A
TL502	B	C	2A

– REAR –

FOIL SIDE (B)

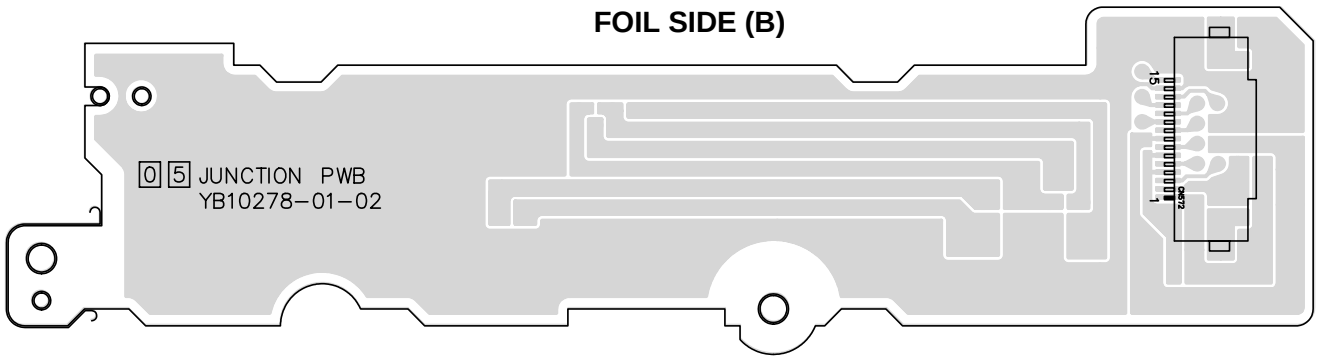


COMPONENT SIDE (A)

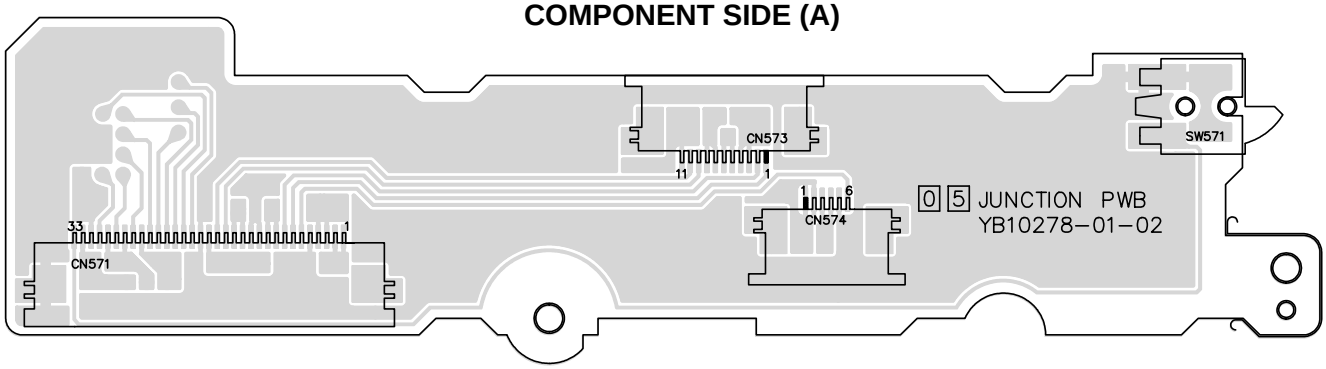


– JUNCTION –

FOIL SIDE (B)



COMPONENT SIDE (A)



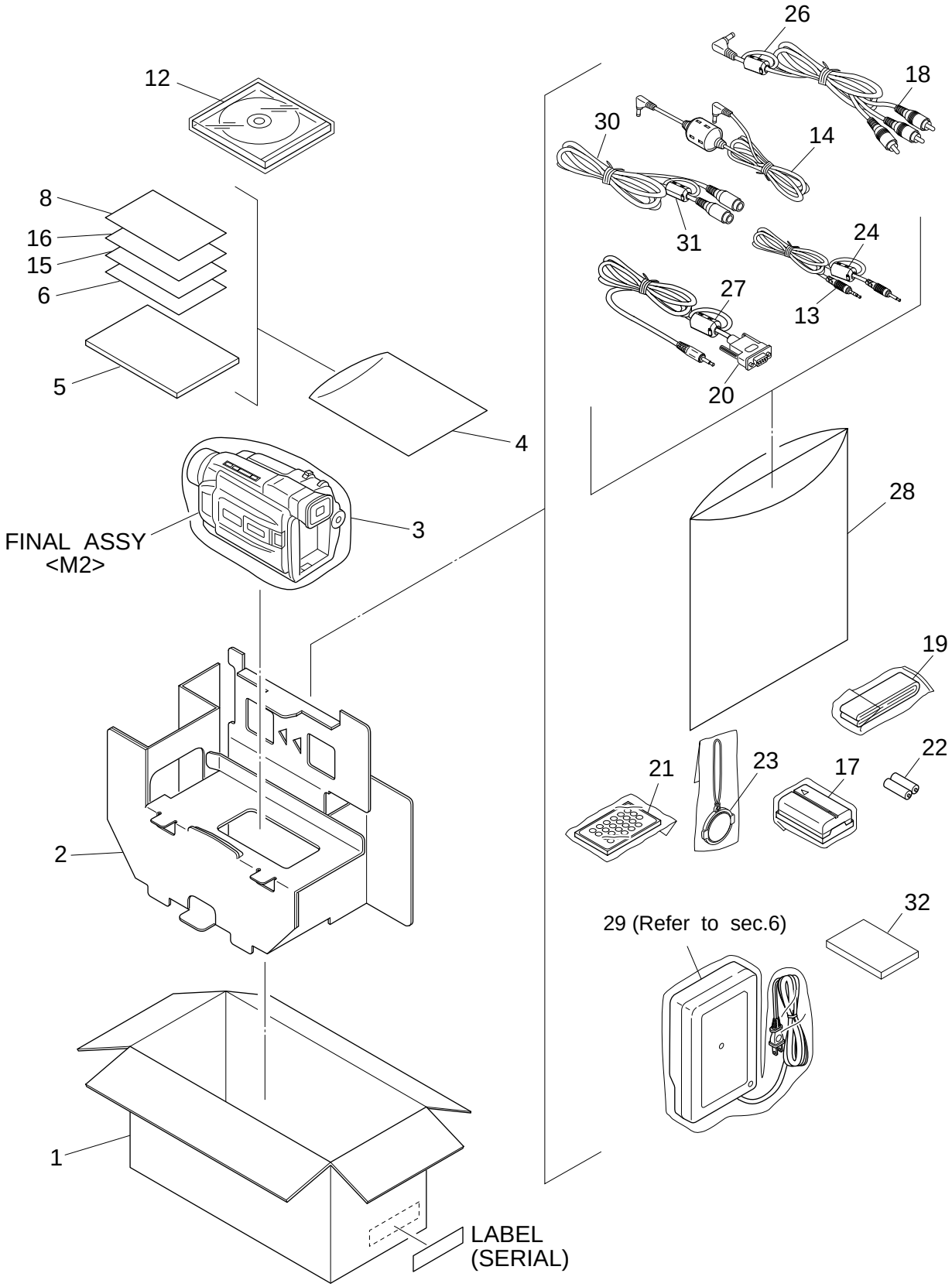
SECTION 5
PARTS LIST

SAFETY PRECAUTION

Parts identified by the ⚠ symbol are critical for safety. Replace only with specified part numbers.

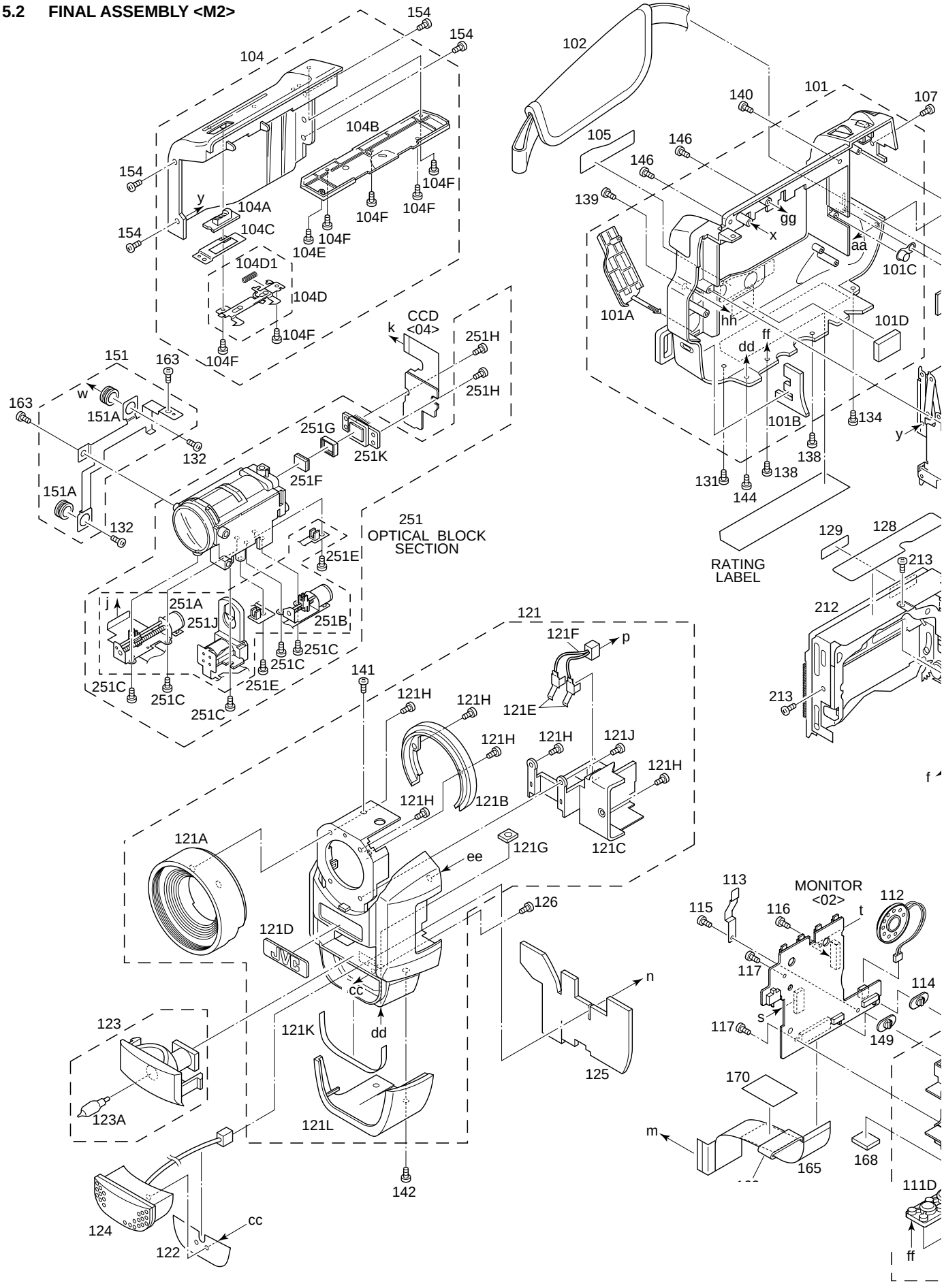
5.1 PACKING AND ACCESSORY ASSEMBLY <M1>

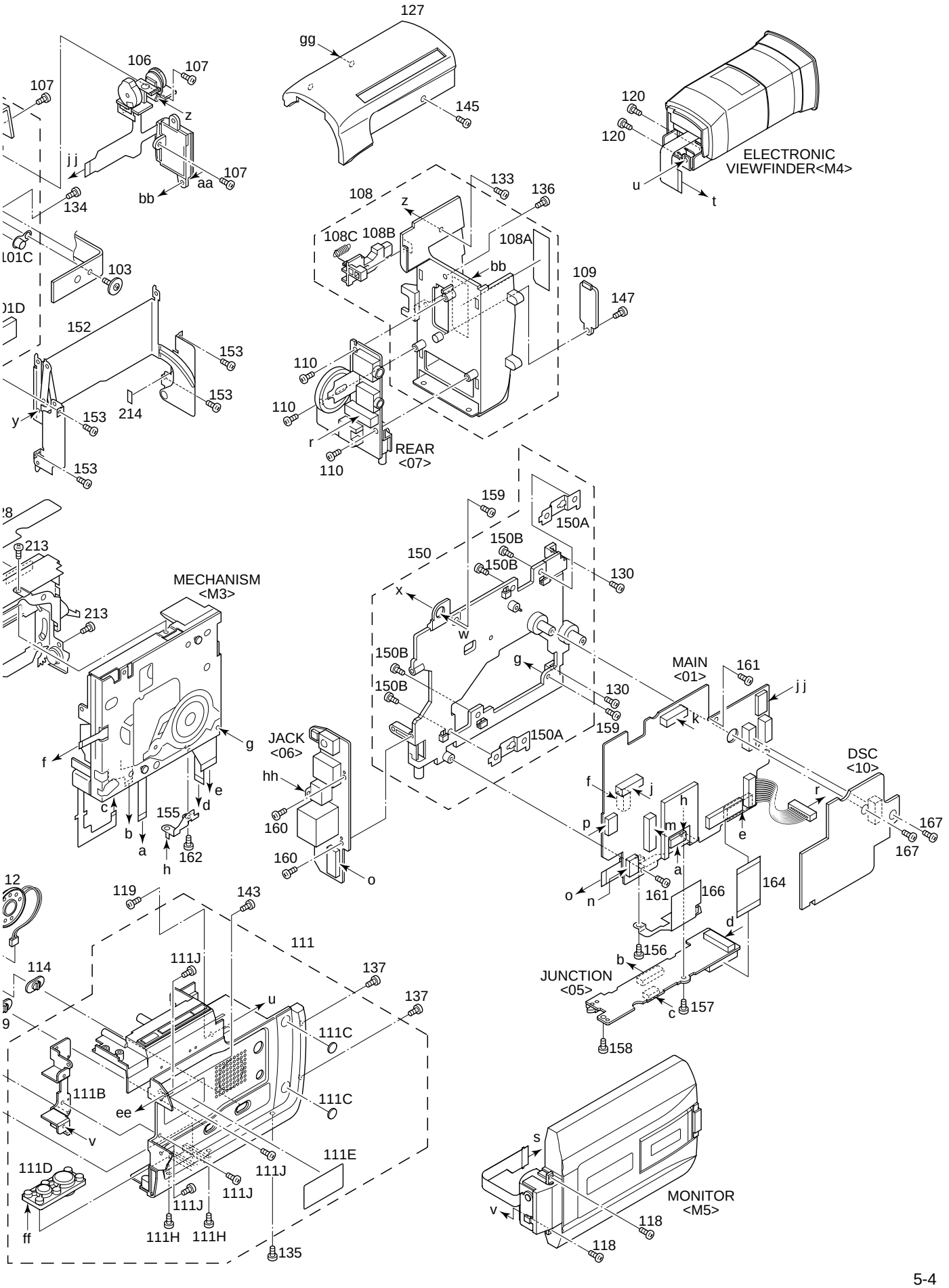
The instruction manual to be provided with this product will differ according to the destination.



#	⚠	REF No.	PART No.	PART NAME, DESCRIPTION
✻✻✻

5.2 FINAL ASSEMBLY <M2>

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118

# ⚠ REF No.	PART No.	PART NAME, DESCRIPTION

****

FINAL ASSEMBLY <M2>

⚠	101	LY20560-001D	LOWER CASE ASSY
	101A	LY31607-001A	JACK COVER
	101B	LY42391-001A	SHEET(MIC)2
	101C	LY40592-001A	CAP(GRIP BELT)
	101D	LY30029-052A	SPACER(A)
	102	LY20575-001B	GRIP BELT
	103	LY30018-003A	SPECIAL SCREW
	104	LY31609-001C	CASS.COVER ASSY
	104A	LY31610-001A	KNOB(EJECT)
	104B	LY31611-001A	COVER(C.C)
	104C	LY42173-001B	BKT(E.KNOB)
	104D	LY42174-001A	LOCK ASSY
	104D1	LY30002-038A	COMPRES. SPRING
	104E	LY30018-084A	SPECIAL SCREW
	104F	LY30018-023A	SPECIAL SCREW,X6
	105	LY42177-001B	SHEET(M.ADJ)
	106	LY20542-001A	ZOOM UNIT
	107	LY30018-084A	SPECIAL SCREW,X3
	108	LY31596-001A	REAR COVER ASSY
	108A	LY42161-001A	SHEET(REAR)
	108B	LY31595-001A	KNOB(RELEASE)
	108C	LY30001-018A	TENSION SPRING
	109	LY41691-001A	COVER(JIG)
	110	LY30018-084A	SPECIAL SCREW,X3
	111	LY20550-002C	UPPER CASE(3)ASSY
	111B	LY31623-001A	BRACKET
	111C	LY40664-002A	SPACER,X2
	111D	LY31019-001A	BASE
	111E	LY42244-001A	SHEET(MARK)
	111H	LY30018-084A	SPECIAL SCREW,X2
	111J	LY30018-0A8A	SPECIAL SCREW,X4
	112	QAS0048-001	SPEAKER
	113	LY42167-001A	PLATE(SPK)
	114	LY42168-001A	KNOB(SLIDE)
	115	LY30018-023A	SPECIAL SCREW
	116	LY30018-0A5A	SPECIAL SCREW
	117	LY30018-0A8A	SPECIAL SCREW,X2
	118	LY30018-090A	SPECIAL SCREW,X2
	119	LY30018-038A	SPECIAL SCREW
	120	LY30018-084A	SPECIAL SCREW,X2
	121	LY20563-001B	FRONT COVER ASSY
	121A	LY31615-001B	HOOD
	121B	LY31616-001A	RING
	121C	LY20572-001A	HOLDER(L.CONT.)
	121D	LY40987-003B	MARK
	121E	YQ43810-1-1	CONTACT(LIGHT),X2
	121F	WJM0003-006A	E-SI C WIRE C-F
	121G	YQ44434	BRACKET
	121H	LY30018-0A7A	SPECIAL SCREW,X6
	121J	LY30018-079A	SPECIAL SCREW
	121K	LY30029-042A	SPACER(A)
	121L	LY31614-001A	COVER (BOTTOM)
	122	LY42184-001A	PLATE(MIC)
	123	LY31617-001A	DC LIGHT ASSY
	123A	YQ44266	LAMP
	124	LY30861-012A	MICROPHONE
	125	LY42390-001A	SHEET(MIC)1
	126	QYSLSF2055D	SPECIAL SCREW
	127	LY20552-006A	TOP COVER(3),505UM
		LY20552-010A	TOP COVER(3),805UM
	128	LY40698-002A	LABEL(HOUSING)
	129	LY40699-002A	LABEL(PUSH)
	130	LY30018-079A	SPECIAL SCREW,X2
	131	LY30018-079A	SPECIAL SCREW
	132	LY30018-050A	SPECIAL SCREW,X2
	133	LY30018-079A	SPECIAL SCREW
	134	LY30018-079A	SPECIAL SCREW,X2
	135	LY30018-079A	SPECIAL SCREW
	136	LY30018-084A	SPECIAL SCREW
	137	LY30018-023A	SPECIAL SCREW,X2
	138	LY30018-084A	SPECIAL SCREW,X2
	139	QYSPSPT1725R	SCREW
	140	LY30018-066A	SPECIAL SCREW
	141	QYSPSGT1760R	SCREW
	142	LY30018-079A	SPECIAL SCREW
	143	LY30018-084A	SPECIAL SCREW
	144	LY30018-044A	SPECIAL SCREW
	145	LY30018-059A	SPECIAL SCREW
	146	LY30018-052A	SPECIAL SCREW,X2
	147	LY30018-037A	SPECIAL SCREW
	149	LY42168-002A	KNOB(SLIDE)
	150	LY31618-001C	HOLDER(MECHA)ASSY
	150A	LY42178-001A	BKT(MECHA),X2
	150B	LY30018-0B4A	SPECIAL SCREW,X4
	151	LY42179-001B	BKT(OP)ASSY
	151A	LY41675-001A	RUBBER,X2
	152	LY31612-001A	ARM ASSY
	153	LY30018-084A	SPECIAL SCREW,X4
	154	LY30018-066A	SPECIAL SCREW,X4
	155	LY40709-001C	BRACKET(GRD)
	156	YQ43893-3	MINI SCREW
	157	YQ43893-3	MINI SCREW
	158	LY30018-023A	SPECIAL SCREW
	159	LY30019-021A	SPECIAL SCREW,X2
	160	LY30018-023A	SPECIAL SCREW,X2
	161	LY30018-023A	SPECIAL SCREW,X2
	162	YQ43893-4	MINI SCREW
	163	LY30018-024A	SPECIAL SCREW,X2
	164	WJT0028-001A	FFC WIRE,MAIN CN113-JUNC CN571
	165	WJT0029-003A	FFC WIRE,MAIN CN101-MONI CN7601
	166	LY31657-001A	SHIELD CASE(2)
	167	LY30018-050A	SPECIAL SCREW,X2
	168	LY30029-057A	SPACER(A)
	169	QQR0717-001	FERRITE CORE
	170	LY30029-058A	SPACER(A)
	212	LY30483-001Q	CASSETTE HOUSING ASSY
	213	YQ43893-4	MINI SCREW,X3
	214	LY42583-001A	SHEET

– OPTICAL BLOCK SECTION –

251	YS20973F	OPTICAL BLOCK ASSY
251A	LY30723-001B	ZOOM MOTOR
251B	LY30724-001B	FOCUS MOTOR
251C	LY30727-002A	SCREW,X5
251E	LY30727-001A	SCREW,X2
251F	LY41718-001A	OPTICAL LPF
251G	LY31639-001A	SPACER RUBBER
251H	QYSPSGU1750Z	SCREW,X2
251J	LY31726-001A	IRIS MOTOR
251K	YS40168E	CCD BASE ASSY

5.3 ELECTRICAL PARTS LIST

# ⚠ REF No.	PART No.	PART NAME, DESCRIPTION	
**********			
		MONITOR BOARD ASSEMBLY<02>	
PW1	YB10280F1-02	MONITOR BOARD ASSY,505UM	
	YB10280G1-01	MONITOR BOARD ASSY,805UM	
IC7101	XCVVQ110CFB	IC,505UM	
IC7601	AN2533FH	IC	
IC7603	AT25040N-10SC-X	IC	
IC7604	BU4053BCFV	IC,805UM	
IC7605	TC4W53FU	IC,805UM	
IC7606	TC7S04FU	IC,805UM	
IC7607	TC7S08FU	IC(DIGITAL),805UM	
Q7602	DTC144EE	TRANSISTOR,805UM	
Q7603	DTA144EE	TRANSISTOR,805UM	
Q7604	DTA114YE	TRANSISTOR,805UM	
Q7605	DTA114YE	TRANSISTOR,805UM	
Q7606	DTA114YE	TRANSISTOR,805UM	
Q7607	2SC4617/QR/-X	TRANSISTOR	
Q7608	2SA1774/QR/-X	TRANSISTOR	
Q7609	2SC4617/QR/-X	TRANSISTOR	
Q7610	2SA1774/QR/-X	TRANSISTOR	
Q7615	DTA144EE	TRANSISTOR	
Q7616	DTC144EE	TRANSISTOR,805UM	
Q7617	DTA114EE	TRANSISTOR,805UM	
Q7618	DTC144EE	TRANSISTOR,805UM	
Q7619	UMZ1N	PAIR TRANSISTOR,805UM	
D7101	MA111	DIODE,505UM	
D7601	RB471E	SB DIODE	
D7603	MA111	DIODE,805UM	
R2	NRSA63J-103X	MG RESISTOR	10kΩ,1/16W
R4	NRSA63J-152X	MG RESISTOR	1.5kΩ,1/16W
R5	NRSA63J-182X	MG RESISTOR	1.8kΩ,1/16W
R6	NRSA63J-272X	MG RESISTOR	2.7kΩ,1/16W
R7	NRSA63J-392X	MG RESISTOR	3.9kΩ,1/16W
R7103	NRSA02J-0R0X	MG RESISTOR,505UM	0Ω,1/10W
R7104	NRSA63J-0R0X	MG RESISTOR,505UM	0Ω,1/16W
R7107	NRSA63J-271X	MG RESISTOR,505UM	270Ω,1/16W
R7108	NRSA63J-182X	MG RESISTOR,505UM	1.8kΩ,1/16W
R7109	NRVA63D-393X	CMF RESISTOR,505UM	39kΩ,1/16W
R7110	NRVA63D-393X	CMF RESISTOR,505UM	39kΩ,1/16W
R7114	NRSA63J-153X	MG RESISTOR,505UM	15kΩ,1/16W
R7115	NRSA63J-153X	MG RESISTOR,505UM	15kΩ,1/16W
R7118	NRSA63J-153X	MG RESISTOR,505UM	15kΩ,1/16W
R7119	NRSA63J-333X	MG RESISTOR,505UM	33kΩ,1/16W
R7604	NRSA63J-563X	MG RESISTOR	56kΩ,1/16W
R7610	NRSA63J-563X	MG RESISTOR	56kΩ,1/16W
R7611	NRSA63J-153X	MG RESISTOR	15kΩ,1/16W
R7612	NRSA63J-103X	MG RESISTOR	10kΩ,1/16W
R7613	NRSA63J-104X	MG RESISTOR	100kΩ,1/16W
R7616	NRSA63J-101X	MG RESISTOR	100Ω,1/16W
R7631	NRSA63J-103X	MG RESISTOR	10kΩ,1/16W
R7632	NRSA63J-101X	MG RESISTOR,505UM	100Ω,1/16W
R7633	NRSA63J-101X	MG RESISTOR,505UM	100Ω,1/16W
R7634	NRSA63J-101X	MG RESISTOR,505UM	100Ω,1/16W
R7635	NRSA63J-220X	MG RESISTOR,805UM	22Ω,1/16W
R7636	NRSA63J-220X	MG RESISTOR,805UM	22Ω,1/16W
R7637	NRVA63D-123X	CMF RESISTOR,805UM	12kΩ,1/16W
R7638	NRVA63D-123X	CMF RESISTOR,805UM	12kΩ,1/16W
R7639	NRVA63D-123X	CMF RESISTOR,805UM	12kΩ,1/16W
R7640	NRVA63D-123X	CMF RESISTOR,805UM	12kΩ,1/16W
R7641	NRVA63D-123X	CMF RESISTOR,805UM	12kΩ,1/16W
R7642	NRVA63D-123X	CMF RESISTOR,805UM	12kΩ,1/16W
R7643	NRSA63J-220X	MG RESISTOR,805UM	22Ω,1/16W
R7645	NRSA63J-473X	MG RESISTOR,805UM	47kΩ,1/16W
R7646	NRSA63J-103X	MG RESISTOR,805UM	10kΩ,1/16W
R7649	NRVA63D-222X	CMF RESISTOR	2.2kΩ,1/16W
R7650	NRVA63D-222X	CMF RESISTOR	2.2kΩ,1/16W
R7651	NRVA63D-222X	CMF RESISTOR	2.2kΩ,1/16W
R7652	NRVA63D-222X	CMF RESISTOR	2.2kΩ,1/16W
R7653	NRVA63D-222X	CMF RESISTOR	2.2kΩ,1/16W
R7654	NRVA63D-222X	CMF RESISTOR	2.2kΩ,1/16W
R7657	NRSA63J-154X	MG RESISTOR	150kΩ,1/16W
R7659	NRSA63J-335X	MG RESISTOR	3.3MΩ,1/16W
R7660	NRSA63J-223X	MG RESISTOR	22kΩ,1/16W
R7661	NRSA02J-222X	MG RESISTOR	2.2kΩ,1/10W
R7663	NRSA63J-101X	MG RESISTOR	100Ω,1/16W
R7664	NRSA63J-682X	MG RESISTOR	6.8kΩ,1/16W
R7665	NRSA63J-223X	MG RESISTOR	22kΩ,1/16W
R7666	NRSA63J-223X	MG RESISTOR	22kΩ,1/16W
R7667	NRSA63J-333X	MG RESISTOR	33kΩ,1/16W
R7668	NRSA02J-392X	MG RESISTOR	3.9kΩ,1/10W
R7670	NRSA02J-681X	MG RESISTOR	680Ω,1/10W
R7672	NRSA63J-0R0X	MG RESISTOR,505UM	0Ω,1/16W
R7673	NRSA63J-223X	MG RESISTOR,805UM	22kΩ,1/16W
R7674	NRSA63J-333X	MG RESISTOR	33kΩ,1/16W
R7677	NRSA63J-223X	MG RESISTOR	22kΩ,1/16W
R7678	NRSA63J-223X	MG RESISTOR	22kΩ,1/16W
R7679	NRSA63J-822X	MG RESISTOR,805UM	8.2kΩ,1/16W
R7681	NRSA63J-0R0X	MG RESISTOR,505UM	0Ω,1/16W
	NRSA63J-331X	MG RESISTOR,805UM	330Ω,1/16W
R7685	NRSA63J-392X	MG RESISTOR,805UM	3.9kΩ,1/16W
R7687	NRSA63J-183X	MG RESISTOR,805UM	18kΩ,1/16W
R7688	NRSA63J-334X	MG RESISTOR,805UM	330kΩ,1/16W
R7689	NRSA63J-224X	MG RESISTOR,805UM	220kΩ,1/16W
R7690	NRSA63J-393X	MG RESISTOR,805UM	39kΩ,1/16W
VR7102	NVP0016-223X	TRIM RESISTOR,BLACK LEVEL,505UM	
VR7103	NVP0016-223X	TRIM RESISTOR,GAMMA,505UM	
C1	NCB31EK-103X	CAPACITOR	0.01μF,25V
C7102	NDC31HJ-181X	CAPACITOR,505UM	180pF,50V
C7103	NCF31CZ-104X	CAPACITOR,505UM	0.1μF,16V
C7104	NCF31CZ-104X	CAPACITOR,505UM	0.1μF,16V
C7105	NBE20JM-475X	T CAPACITOR,505UM	4.7μF,6.3V
C7106	NCB21HK-122X	CAPACITOR,505UM	0.0012μF,50V
C7107	NCB31EK-103X	CAPACITOR,505UM	0.01μF,25V
C7108	NCF21CZ-105X	CAPACITOR,505UM	1μF,16V
C7109	NCF31CZ-104X	CAPACITOR,505UM	0.1μF,16V
C7110	NCF31CZ-104X	CAPACITOR,505UM	0.1μF,16V
C7111	NCF31CZ-104X	CAPACITOR,505UM	0.1μF,16V
C7112	NCF31CZ-104X	CAPACITOR,505UM	0.1μF,16V
C7113	NCB31HK-102X	CAPACITOR,505UM	0.001μF,50V
C7114	NCB31EK-103X	CAPACITOR,505UM	0.01μF,25V
C7115	NCB31CK-104X	CAPACITOR,505UM	0.1μF,16V
C7116	NCB31EK-103X	CAPACITOR,505UM	0.01μF,25V
C7117	NCB31EK-103X	CAPACITOR,505UM	0.01μF,25V
C7119	NCF31CZ-104X	CAPACITOR,505UM	0.1μF,16V
C7120	NBE20JM-106X	T CAPACITOR,505UM	10μF,6.3V
C7121	NCF31CZ-104X	CAPACITOR,505UM	0.1μF,16V
C7122	NCF31CZ-104X	CAPACITOR,505UM	0.1μF,16V
C7123	NBE20JM-106X	T CAPACITOR,505UM	10μF,6.3V
C7601	NCB31CK-104X	CAPACITOR	0.1μF,16V
C7602	NBE40JM-476X	T CAPACITOR	47μF,6.3V
C7603	NBE20JM-106X	T CAPACITOR	10μF,6.3V
C7604	NCB31CK-104X	CAPACITOR	0.1μF,16V
C7605	NCB31CK-104X	CAPACITOR	0.1μF,16V
C7606	NCB11CK-225X	CAPACITOR	2.2μF,16V

# ⚠ REF No.	PART No.	PART NAME, DESCRIPTION	
C7607	NCF31CZ-104X	CAPACITOR	0.1µF,16V
C7608	NCB11CK-225X	CAPACITOR	2.2µF,16V
C7609	NCB11CK-225X	CAPACITOR	2.2µF,16V
C7610	NBP41CM-226X	T CAPACITOR	22µF,16V
C7614	NCF31CZ-104X	CAPACITOR	0.1µF,16V
C7615	NBE20JM-106X	T CAPACITOR	10µF,6.3V
C7618	NCB31HK-822X	CAPACITOR	0.0082µF,50V
C7619	NBE20JM-225X	T CAPACITOR	2.2µF,6.3V
C7620	NBE20JM-106X	T CAPACITOR	10µF,6.3V
C7621	NDC31HJ-151X	CAPACITOR	150pF,50V
C7623	NDC31HJ-471X	CAPACITOR	470pF,50V
C7625	NCB21AK-105X	CAPACITOR	1µF,10V
C7627	NCB31CK-104X	CAPACITOR	0.1µF,16V
C7628	NCB11CK-225X	CAPACITOR	2.2µF,16V
C7629	NBE20JM-106X	T CAPACITOR	10µF,6.3V
C7630	NCB31CK-104X	CAPACITOR	0.1µF,16V
C7631	NCF31AZ-105X	CAPACITOR	1µF,10V
C7632	NCF31AZ-105X	CAPACITOR	1µF,10V
C7636	NCB31HK-102X	CAPACITOR	0.001µF,50V
C7637	NCB31HK-102X	CAPACITOR	0.001µF,50V
C7638	NCF31CZ-104X	CAPACITOR	0.1µF,16V
C7639	NCF31CZ-104X	CAPACITOR,805UM	0.1µF,16V
C7640	NBE21AM-106X	T CAPACITOR	10µF,10V
C7641	NBE21AM-106X	T CAPACITOR	10µF,10V
C7642	NBE21AM-106X	T CAPACITOR	10µF,10V
C7646	NBE21AM-335X	T CAPACITOR	3.3µF,10V
C7647	NBP21DM-335X	T CAPACITOR	3.3µF,20V
C7648	NCF31CZ-104X	CAPACITOR,805UM	0.1µF,16V
C7649	NCF31CZ-104X	CAPACITOR,805UM	0.1µF,16V
C7650	NBP41EM-475X	T CAPACITOR	4.7µF,25V
C7654	NBP41EM-475X	T CAPACITOR	4.7µF,25V
C7655	NCB31CK-104X	CAPACITOR	0.1µF,16V
C7656	NCF31AZ-105X	CAPACITOR	1µF,10V
C7660	NCB31EK-103X	CAPACITOR,805UM	0.01µF,25V
C7661	NCB31EK-103X	CAPACITOR,805UM	0.01µF,25V
C7665	NCB21CK-105X	CAPACITOR,805UM	1µF,16V
C7666	NBE21AM-106X	T CAPACITOR,805UM	10µF,10V
C7667	NDC31HJ-180X	CAPACITOR	18pF,50V
L7101	NQL315K-100X	COIL,505UM	10µH
L7102	NQL315K-100X	COIL,505UM	10µH
L7103	NQL315K-100X	COIL,505UM	10µH
L7603	NQL314K-220X	COIL	22µH
L7604	NQL315K-100X	COIL	10µH
L7605	NQL315K-100X	COIL	10µH
L7608	NQL315K-100X	COIL	10µH
L7610	NQL315K-100X	COIL	10µH
SW1	NSW0092-001X	SLIDE SWITCH	
SW2	NSW0008-001X	TACT SWITCH	
SW3	NSW0008-001X	TACT SWITCH	
SW4	NSW0008-001X	TACT SWITCH	
SW5	NSW0008-001X	TACT SWITCH	
SW6	NSW0099-001X	SLIDE SWITCH	
SW7601	NSW0105-001X	DETECT SWITCH	
CN7601	QGF0506F2-32X	FPC CONNECTOR	
CN7602	QGF0503C1-20X	FFC/FPC CONNECTOR,505UM	
CN7603	QGF0503C1-20X	FFC/FPC CONNECTOR,805UM	
CN7604	QGF0305F1-33X	FPC CONNECTOR	
CN7605	QGA1201F2-02X	CONNECTOR	
OT1	LY30029-051A	SPACER(A)	

# ⚠ REF No.	PART No.	PART NAME, DESCRIPTION